

**Part 12: Boulton & Watt Correspondence**

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## *Publisher's Note - Part 12*

Parts 12 and 13 of the microfilm project focus on the full run of correspondence and papers in the Boulton and Watt Archive. These materials have recently been recatalogued by the Archives of Soho Project, a major initiative funded by the Heritage Lottery Fund, Birmingham City Council and the Birmingham Assay Office Charitable Trust, to achieve a proper arrangement and listing of all the letters and papers. This work was carried out by senior project archivists Adam C Green and Tim Proctor, and project archivist Fiona Tait. It has made these important documents much more accessible to researchers. All the relevant listings compiled by the Archives of Soho Project are included in this microfilm project.

Matthew Boulton's lifelong interest in science enabled him to see the potential of James Watt's steam power and he backed Watt's ideas with the necessary finance. He acquired John Roebuck's interest in Watt's steam engine patent in 1774 and Watt joined him at Soho in a 25 year partnership lasting until 1800. The patent was also extended for the same period of 25 years. These documents enable scholars to chart the growth of the steam engine business and the work of Boulton & Watt employees at Soho Manufactory (established in 1762) and Soho Foundry (built in the 1790s).

By the mid 1790s James Watt Junior and Matthew Robinson Boulton had already taken a leading role in the running of the business. After 1800 they continued to develop the range of Boulton and Watt activities in the next three decades. Incoming correspondence from Agents, Engine Erectors and Employees at Soho, provide researchers with many insights into the social and economic history of the Industrial Revolution.

Part 12 begins with the Principals' and Partners' Correspondence and features:

- Letters from Matthew Boulton (1728-1809) to James Watt, James Watt Junior and Matthew Robinson Boulton, 1777-1799
- Letters from James Watt (1736-1819) to Matthew Boulton, James Watt Junior and Matthew Robinson Boulton, 1777-1816
- Letters from Matthew Robinson Boulton (1770-1842) to James Watt, Matthew Boulton, James Watt Junior, Gregory Watt and John Southern, 1795-1809
- Letters from James Watt Junior (1769-1848) to James Watt, Matthew Robinson Boulton, Gregory Watt, Boulton Watt & Co., John Southern (Engineer and Head of the Drawing Office at Soho Manufactory), William Creighton (who succeeded John Southern as Head of the Drawing Office, James Miller, James Brown (London based engine erector who frequently assisted in the Drawing Office when he was at Soho) and William Bennett, 1789-1830
- Letters from Gregory Watt (1777-1804) to James Watt, James Watt Junior and Matthew Robinson Boulton, 1797-1803

In a letter of 10 October 1801 James Watt Junior writes from Newcastle to Matthew Robinson Boulton on ways of combating the desertion of smiths and the difficulty of getting goods hands in Newcastle. He gives news of an order for a 4 horse engine for Tyne Iron Co. and a new estimate for a probable order from Tyne Main. He remarks on his favourable opinion of the Tyne Iron Co.'s establishment, gives his views on Fishwick's property and points out that Hawkes & Co. have given Murray the order for their engine. Mr Wheatley receives a present and an increase in his wages because of his good conduct. He points out errors in the Newcastle accounts, the need to offer assistance to the widow of Thomas Barnes, and concludes that there is a good prospect of an increased demand for coals and new orders for engines. This is typical of the detailed 3 or 4 page letters in which the major protagonists of the business kept in touch with each other on important information on a day by day basis.

These letters complement and dovetail neatly with correspondence already covered from the Matthew Boulton Papers in Part 1 of this microfilm project on the Lunar Society.

This is followed by the incoming correspondence and papers from Agents, Engine Erectors and Employees at Soho. Included here are:

- Thomas Barnes (Boulton & Watt's North-Eastern agent from 1794 to 1798)  
There is a lot of correspondence from Thomas Barnes to John Southern, the head of Boulton & Watt's Drawing Office at the Soho Manufactory. There are very good, detailed letters, often including sketches and diagrams. Two letters cover the making of an iron wagon railway for Walker Colliery.
- John Buchanan (Boulton & Watt's clerk at Soho Manufactory)  
His letters cover the period 1780-1785, most are addressed to James Watt and were written by Buchanan at Soho.
- Henry Creighton (Engine erector and engineer)  
Younger brother of William Creighton, Henry was one of Boulton & Watt Co.'s best engine erectors and engineers. Letters cover 1804-1809, a period when he was mainly based in Manchester. He also spent much of 1808 in Ireland. As well as erecting and repairing steam engines, Henry did a great deal of work on gas lighting, heating apparatus and drying stoves.
- William Creighton (Engine erector and engineer)  
One of Boulton & Watt Co.'s longest serving engineers. He took over as head of the Drawing Office on the death of John Southern in 1815. He was a travelling engine erector and agent, based in Manchester for much of the period covered by his letters 1796, 1800-1805 and 1815, but making extended journeys to Scotland. He attended engines in towns within travelling distance of Manchester, such as Preston, Hull, Halifax, Macclesfield, Newcastle-under-Lyme and Chester.
- Peter Ewart (Agent and engineer)  
In the 1790s he worked as an agent and engineer for Boulton & Watt in Manchester. He later pursued several business ventures in Manchester and Liverpool, mainly in textiles, for which he purchased several engines. He also continued to act as an unofficial agent, liaising with customers on Boulton & Watt Co.'s behalf and passing information to Soho about the state of various firms in the North West. He also had a keen interest in steam boats.
- William Forman (Clerk, later the Head Clerk, in the engine firm's counting house at Soho Manufactory) He was also responsible for the copying press firm, James Watt & Co. These letters written by Forman during the period 1791-1796 and 1799-1800 were sent to James Watt and James Watt Junior whilst they were in London.
- John Hall (Engine erector)

He was one of the first engine erectors employed by Boulton & Watt as documented by his letters for 1778-1783. The engines he worked on include the Wren's Nest forge engine in Shropshire, engines for John Wilkinson at Ketley and Snedshill, and blowing engines in Yorkshire.

- Joseph Harrison (Engine erector)  
Another one of the early engine erectors employed by Boulton & Watt. These are letters for 1779, 1786 and 1787 covering his activities.
- Logan Henderson (Engine erector)  
He was the first technical assistant engaged by Boulton & Watt and worked for them between 1776 and 1783. Previously he had been an officer in the marines and a sugar planter in the West Indies, losing all his possessions in Jamaica. He had a good knowledge of levelling, draining and machinery. He made extensive visits to Cornwall, London, Ireland, Scotland and the North East, and supervised matters at Soho when Boulton and Watt were absent. There is a substantial sequence of letters from him for the years 1776 to 1790 as well as some letters to him from Matthew Boulton and James Watt in 1777 and 1781. He had charge of the erection of the Torryburn and Byker engines in 1778, spent much of 1781 in Cornwall with James Watt. He got on very well with William Murdock, but not always so well with James Watt, with whom he had a number of bad tempered exchanges. He left the employ of Boulton & Watt abruptly in the early part of 1783. By 1784 he was involved with a foundry in London; then in 1790 he applied, without success, for the post of Engineer to the Dublin Waterworks.
- Jabez Carter Hornblower (Engineer and rival engine-maker)  
He worked briefly for Boulton & Watt on various engines, including those at Ketley, Donnington Wood and Penryn-dee. Letters from Hornblower are dated 1778 and 1779. He was dismissed because of his bad attitude and poor relations with Boulton & Watt customers and other employees. He went on to become a rival engine-maker, constructing engines that Boulton & Watt considered as infringing Watt's patent, leading to lengthy legal action.
- Samuel Hurt (Head Clerk at Soho Foundry)
- Abraham Storey (Head of the Foundry department)
- Simon Vivian (Smith and fitter at Soho Foundry)  
These letters from three senior employees at the Soho Foundry cover the period 1800-1811 and most are addressed to James Watt Junior and Matthew Robinson Boulton.
- Eidingtoun Smeaton Hutton (Engine erector and engineer)  
He was based in Manchester until late 1805, when he moved to Scotland. He worked on a wide variety of engines, liaised with Boulton & Watt & Co.'s customers and directed junior engine erectors. He also worked on gas lighting installations. His letters cover 1804-1809.
- James Law (Engine erector)  
He travelled around the country working on different engines. Letters cover 1781-1792 and provide details on his work in London, Chester, Nottingham and Oakhampton. There is significant material on the New River Engine, Thompson & Baxter's engine, Sir Richard Arkwright's engine, Mr Morehouse's engine and the Harris Engine.
- James Lawson (Engine erector and engineer)  
There are a considerable number of letters to and from Lawson making up just over 4 reels of this part of the project. He was one of Boulton & Watt's longest serving and most experienced engine erectors and engineers. He worked in Cornwall in the 1780s with a visit to Scotland in 1786. By 1793-1795 letters show he had moved to Manchester and the North West and here he acted as an agent for Boulton & Watt. In the second half of 1795 he was called back to London to work on various engines. He spent much of 1796 gathering information on pirate engines for the various legal actions that Boulton & Watt were pursuing. Letters for 1797-1798 show him back in Manchester and the North West continuing his activities as Boulton & Watt's agent there. He made a number of journeys to South Wales, London and Cornwall during 1798 and at the end of the year he travelled to Carlisle, Newcastle and on into Scotland visiting various engines and customers. He sent back detailed reports on the state of the engines, the views of customers, possible problems, the settlement of amounts owing, payments and remittances, prospects of new orders and business opportunities. Letters for 1799-1802 cover his work in Manchester, Newcastle and Scotland. In 1802 he was also active in Yorkshire, South Wales and Ireland. The letters document his extensive travels during this period visiting numerous customers. Two letters from James Lawson in 1806 cover engines in South Wales at the Blaenavon Furnaces with various sketches and plans of these and Trevithick's engine and boiler at Pennydarren, as well as repairs to a painted window in Lichfield Cathedral. Lawson's incoming correspondence consists of letters from his employers, Soho employees, and from customers, arranged chronologically by year.

This sequence of material from Agents, Engine Erectors and Employees at Soho is continued in Part 13 of this microfilm project. These letters and papers augment and fit particularly well with material already covered in Parts 2, 7 & 8 of this project. They relate to many of Watt's activities, Boulton & Watt customers, steam engines and other business matters mentioned in James Watt's Notebooks and Papers (see 'Muirhead I' in Part 2). Letters to Matthew Boulton from Logan Henderson and James Lawson feature in Part 7. Significant letters to James Watt or James Watt Junior from Thomas Barnes, Peter Ewart and James Lawson are in Part 8 (see 'Muirhead IV').

Throughout, these letters are packed with details of great interest to the social historian. Here are some examples:

Matthew Boulton (London) to James Watt (Birmingham), 19 May 1779, covering the accident at Chelsea and Boulton's scheme to remedy this:

*"Chelsea Engine was set to work on the day I set out to Holland & continued to work for about 4 or 5 days & then the hook which connected the Chain to one of ye pumps broke & the Engine came into ye House with such force as broke the Cylinder Bottom & did other mischiefs. A new Bottom was cast & all apparent damages was repaired & the Engine set to work again on Thursday last whilst I was present; the Vacuum was bad & yet everything about ye Condenser seemed perfect as everything was now grown warm we screwed up ye screws of ye Cylinder bottom a little, the vacuum grew worse even so bad that ye Engine would not work. We therefore stopped and agreed to examine ye nossells in ye morning, but low to our surprise and chagrin we found the Cylinder itself cracked horizontally about one foot long near its lower flank. We slackened the screws near it & apply a large quantity of putty & the Engine then worked very well. But I fear the Crack may extend & therefore wish your advice how to stop & remedy the mischief. I will endeavour to explain it on the other side & will mark the Crack & what I think should be new in red ink..."(with diagram overleaf).*

Letter from Matthew Boulton (Soho) to James Watt (Cusgarne), 11 September 1781, enclosing sketch plan of proposed new engine workshops at Soho Manufactory. The letter covers experiments upon equalisers. Boulton raises the query that he cannot see why one cylinder cannot be more economical than two, if double the length. There is a discussion of Colclough's

Engine:

*"I think Peter Colclough seems a fair, honest, reasonable man & I don't see how we can escape erecting his Engine. I have wrote to Handley to request him to answer several questions I ask about obtaining a patent in Ireland & to give me his general opinion & directions about the mode of proceeding. If it is necessary that one of us should go over, I have no objection & I am personally acquainted with the Lord Chancellor, the Lieutenant & many of the Irish Parliament, but as to the business of viewing old materials and setting out the new Engine House, I think if the other business doth not require me to go that Mr Henderson might go over either from Cornwall or Bristol..."*

Letter from James Watt (Newcastle) to James Watt Junior (Soho), 7 November 1796, about Cornish affairs and ongoing legal actions:

*"...In respect of Mr Wilson's letter, I think nothing for this should be offered to United Mines till something is settled with Counsels, & I really think we should have the 2/3rd from them, if possible but shall agree to any thing resolved upon in the General Soho Council. I think Wilson did wrong to make them any proposal until they came forward like men, he should be cautioned on this head.*

*I think Mr Robison will make a good witness as his conversation is more full than his letter & he is enraged at the Horners. But there is the difficulty of his procuring leave of absence & of getting his substitute with whom he is on bad terms to lecture for him. There is also the expense which will be considerable, as from his disease, he must travel slowly & with his wife. The Deputy must also be paid, I suppose in all it will not be much under £150-.*

*John Roebuck will come if wanted, but if he is in his ordinary health he can speak himself in the Mail, his evidence can go no further back than 1767... Dr Black has put his remembrances on paper of which he is to send copy, but cannot come to London on no account.*

*I came here tonight by 7 o'clock & have sent a message to Mr Barnes whom I hope to see in the morning, & regulate my stay accordingly but hope to be home on Friday..."*

Letter from James Watt (Soho) to M R Boulton (care of Thomas Janes, Manchester), 30 May 1796. On the first sheet is a transcript of agreement between James Stockdale of Cark, Lancashire, and Boulton & Watt for an engine for a Cotton Mill. The letter then goes on to comment on pirate engines, the work of Peter Ewart, and on the premiums to be required from pirated engines:

*"...Mr Ewart is certainly much wanted both at the Foundry & at Mr Whately's works & I fear he will get into a scrape with the latter; the bills came to hand. Mr B. & Mr Jn. have been at work upon the estimates, but I have had so much to do, that I have not yet been able to attend to it. The question what we should charge the pirated engines is a difficult one & were we to charge our profits on those we make now, it would show what these profits are: suppose that you were to state that as the end of the term approached we had some years ago raised the premium on 4 horse engines to £6-6- per horse/which was always paid in London & in the South/ & that the premium per horse decreased proportionally as the Engine was larger until at a 14 horse power it came to £5 per horse, but this explanation need not be entered into except when you cannot settle otherwise..."*

According to information summarised on the docket, a letter from James Watt Junior (Old Cumnock) to Matthew Robinson Boulton (Soho), dated 13 September 1801, describes:

*"Further observations on the state of the engines in Scotland. The Linwood Company supposed to be in treaty with Baird. Engines likely to be wanted at Paisley.*

*Mr Cunningham's difficulties in transporting his cylinder. Both he and Mr Houston diligent apostles in propagating the true faith. Overtures to G Grieve for a renewal of his engagement. Visit to Colonel Fullarton and opinions of his numerous schemes. The Colonel is curious to learn our views in the iron trade. Mention of an offer of a situation made to us by Mr Buchan. Mr Buchan's estate near Cumnock. At the same inn with him - likely to learn his situation. Inspection of the neighbourhood of Old Cumnock. Good conduct of Mr Pearson - present to him. Will send him to Manchester. Destinations of the other hands. Proposes McMurdo's mother to be cautionary for her sons in the agreement. Order of a new boiler and apparatus for Messrs Finlay & Co. of Catrine Mill."*

Letter from James Lawson (Salford) to James Watt (Heathfield), 15 February 1795, detailing his experiments upon engines:

*"Since I last wrote to you I have made several experiments, both here and at Messrs Wormald Fountain & Gotts, which all agree in the loss by condensation.*

*From two experiments at Wormald Fountain & Gotts Engine the water evaporated was 15,3 Cubic feet per 112 (lb?) coals - I was very exact in measuring the water & weighing the coal, which agrees with the general consumption, so that the constant evaporation is not less than 15 Cubic feet... This chiefly owing to the fireplace being large & the coals burning slowly & undisturbed as there is seldom occasion to stir them the burns remain cool & little heat in the ash pit. The coals are kept thick on the grate and burn bright at the edges as in the Cornish Engines.*

*The fire places here being much smaller I have got them widened from containing 11 feet to 15. Since which there has been a constant saving of about 12 per cent and much less trouble in keeping the steam regular - I have made two experiments in one of which there was 14,06 & the 14,5 Cubic feet evaporated..."*

Letters from Logan Henderson from Cusgarne in Cornwall are full of news of Cornish Engines, such as Poldice, Wheal Virgin and Ting Tang, and meetings of Cornish firms. Letters from James Watt Junior in 1796 reveal his activities in London making enquiries to help in the legal case against the Hornblowers, provide news of the injunction against Hornblower, Maberly and Peareth, and his journey to Leeds and Newcastle to serve injunctions on other pirate engines. Further letters from Newcastle cover the trial of the Benwell Engine and the possibilities of further new orders from various collieries in the region. By May he is busy back in London following the legal proceedings there. He reports to Matthew Robinson Boulton in Manchester on the affidavits filed by the Hornblowers and their allies. Letters for May and June continue to relay news of the legal actions. Letters for the following year also provide much material on Albion Mill, the Cornish Engines and the state of the Cornish Mines, as well as the ongoing battle against the Hornblowers.

Taken together these letters and papers provide a vast array of material for the researcher working on the Industrial Revolution. They give a detailed insight into Boulton & Watt's network of agents, engine erectors and engineers. This enables the social historian to understand how the business was run and the nature and scope of its impact throughout the country

and overseas. There is information on engine customers, the carriers who were transporting parts for Boulton & Watt, and the firms to whom Boulton & Watt subcontracted work.

A paperback guide accompanies the microfilm project to provide full contents of reels information and detailed listings for Parts 12 and 13.

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## *Technical Note - Part 12*

Our microfilm publications have been prepared and produced in accordance with recommended and established guide-lines for the production of microform of superior quality. These conform to the recommendations of the standard guides to good microforming and micropublishing practice.

Attention should be drawn to the nature of the original material. The material consists of folders of correspondence and related papers spanning the period c1776-1830. Most of the material is in very good condition. A few manuscript items contain some faintly legible text written with a variety of inks, pens or pencils. A few items are stained or discoloured at the edges, or comprise material on very thin paper, which is so thin that there is show through that renders the original document difficult to read.

These original characteristics present difficulties of image and contrast which stringent tests and camera alterations cannot entirely overcome. Every effort has been made to minimise these difficulties.

An A4 identification target is filmed at the front of every new section of material. The relevant pages from the new typescript listing, completed by the 'Archives of Soho' Project, have also been added at the front of each section of material.

The full listings from the black binders covering MS 3147/3/1-79 and MS 3147/3/245-299 have been reproduced in their entirety on Reels 198 and 211 respectively. These listings are copyright of Birmingham City Council and we gratefully acknowledge their permission to include them in this microfilm project.

All these materials have been recently re-catalogued by the 'Archives of Soho' Project. The numbering of individual documents and other cataloguing work is still ongoing at the time of filming. Researchers should check any queries with the staff at Birmingham City Archives, Central Library, Chamberlain Square, Birmingham B3 3HQ, England, in case any further re-numbering has taken place. Contact details are as follows:

Tel: +44 (0)121 303 4217

Fax: +44 (0)121 464 1176

Email: [archives@birmingham.gov.uk](mailto:archives@birmingham.gov.uk)

The staff of Bell & Howell Ltd, Micromedia Division have exercised the most responsible care in the filming of this unique collection at the Central Library in Birmingham and this microfilm publication meets the standards established by the Association for Information and Image Management (AIIM) and the American National Standards Institute (ANSI).

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- 3/1 Letters to James Watt, 1777 (18 items)
- 3/2 Letters to James Watt, 1778 (18 items)
- 3/3 Letters to James Watt, 1779 (36 items)

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- 3/4 Letters to James Watt, 1780 (44 items)
- 3/5 Letters to James Watt, 1781 (62 items)
- 3/6 Letters to James Watt, 1782 (47 items)
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- 3/8 Letters to James Watt, 1784 (36 items)
- 3/9 Letters to James Watt, 1785 (30 items)
- 3/10 Letters to James Watt, 1786 (30 items)
- 3/11 Letters to James Watt, 1787 (18 items)
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- 3/15 Letters to James Watt, 1791 (9 items)
- 3/16 Letters to James Watt, 1792 (7 items) (no correspondence found for 1793)
- 3/17 Letters to James Watt, 1794 (17 items)
- 3/18 Letters to James Watt Junior, 1795 (5 items)
- 3/19 Letters to James Watt, James Watt Junior, M R Boulton, 1796 (12 items)
- 3/20 Letters to James Watt, 1797 (5 items) (no correspondence found for 1798)
- 3/21 Letters to James Watt, James Watt Junior, M R Boulton, 1799 (8 items)
- 3/22 Miscellaneous Letters and Papers, 1783 to 1790s (11 items)

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- 3/27 Letters to James Watt Junior, 1797 (12 items)
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- 3/30 Letters to James Watt Junior, 1800 (5 items)
- 3/31 Miscellaneous Correspondence, 1776-1816 (15 items)
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- 3/34 Letters to James Watt Junior, James Watt, Matthew Boulton, 1796 (49 items)
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- 3/37 Letters to James Watt, James Watt Junior, Gregory Watt, 1799 (64 items)
- 3/38 Letters to James Watt Junior, Gregory Watt, 1800 (22 items)
- 3/39 Letters to James Watt Junior, 1801 (20 items)
- 3/40 Letters to James Watt Junior, 1802 (17 items)
- 3/41 Letters to James Watt Junior, Gregory Watt, 1803 (25 items)
- 3/42 Letters to James Watt Junior, 1804-1807 (31 items)
- 3/43 Letters to James Watt Junior, 1808-1809 (14 items)
- 3/44 Miscellaneous Letters to John Southern, 1796-1803 (12 items)

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3/46 Letters to James Watt, Matthew Robinson Boulton, 1796-1797 (90 items)  
3/47 Letters to James Watt, Gregory Watt, M R Boulton, 1798 (57 items)

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3/49 Letters to M R Boulton, James Watt, Gregory Watt, 1800 (24 items)  
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3/51 Letters to M R Boulton, Gregory Watt, 1802 (26 items)  
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3/53 Letters to M R Boulton, 1804 (7 items)  
3/54 Letters to M R Boulton, 1805 (9 items)  
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3/56 Letters to M R Boulton, 1807 (4 items)  
3/57 Letters to M R Boulton, Boulton Watt & Co., 1808 (5 items)  
3/58 Letters to M R Boulton, 1809 (3 items)  
3/59 Letters to John Southern, 1789-1799 (19 items)  
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3/66 Letters to William Creighton, James Brown, 1820 (67 items)  
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3/71 Letters to William Creighton, 1825 (29 items)

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3/72 Letters to Boulton Watt & Co., William Creighton, 1826 (59 items)  
3/73 Letters to Boulton Watt & Co., William Creighton, 1827 (31 items)  
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3/75 Letters to William Creighton, William Bennett, 1830 (7 items)

MS 3147/3/76-79: Correspondence from Gregory Watt, 1797-1803

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3/77 Letters to James Watt Junior, M R Boulton, 1800 (13 items)  
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Letters from Agents, Engine Erectors and Employees at Soho

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3/248 William Creighton, 1796, 1800-1805 (100 items)

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3/252 Joseph Harrison, 1779, 1786, 1787 (4 items)  
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3/259 Logan Henderson, 1782-1785, 1788-1790 (32 items)  
3/260 Logan Henderson – letters to him from Matthew Boulton and James Watt, 1777, 1781 (14 items)  
3/261 Jabez Carter Hornblower, 1778-1779 (24 items)  
3/262 Samuel Hurt, Abraham Storey, Simon Vivian, 1800-1811 (35 items)  
3/263 Eidingtoun Smeaton Hutton, 1804-1805 (29 items)

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3/264 Eidingtoun Smeaton Hutton, 1806 (47 items)  
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3/266 Eidingtoun Smeaton Hutton, 1808 (22 items)  
3/267 Eidingtoun Smeaton Hutton, 1809 (29 items)  
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3/274 James Lawson, 1799 (57 items)  
3/275 James Lawson, 1800 (36 items)  
3/276 James Lawson, 1802 (50 items)  
3/277 James Lawson, two miscellaneous letters, 1806 (2 items)  
3/278 James Lawson, letters to him, 1793 (39 items)

## REEL 219

3/279 James Lawson, letters to him, 1794 (41 items)  
3/280 James Lawson, letters to him, 1795 (73 items)  
3/281 James Lawson, letters to him, 1796 (93 items)

## REEL 220

3/282 James Lawson, letters to him, 1797 (67 items)  
3/283 James Lawson, letters to him, 1798 (66 items)  
3/284 James Lawson, letters to him, 1799 (70 items)  
3/285 James Lawson, miscellaneous letters to him, 1800, 1804, not dated (3 items)

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*Detailed Listing - Part 12*

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INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 198**

**MS 3147/3/1-79: Principals' and Partners' Correspondence**

Typescript listings from Black Binder for MS 3147/3/1-79

**MS 3147/3/1-22: Correspondence from Matthew Boulton, 1777-1799**

Letters from Matthew Boulton to James Watt. Henry Hazleton summarised almost all of these letters in the 1890s, and his summaries have been transcribed.

**3/1      Letters to James Watt, 1777    (18 items)**

1. Letter. Matthew Boulton (Soho) to James Watt (at Mr. Taylor's, Bedworth). 6 Jan. 1777.
2. Letter. Matthew Boulton (Newhall) to James Watt (at Mr. Taylor's, Bedworth Colliery). "Thursday Teatime" [30 Jan. 1777?]. *Docketed as 1 Feb., which was a Saturday.*
3. Letter. Matthew Boulton (—) to James Watt (Bedworth). "Tuesday Evening" [— Mar. 1777].
4. Letter. Matthew Boulton (London) to James Watt (Soho). 17 Apr. 1777. *Summarised "Boulton sorry to hear of Bedworth misfortunes. Hopes all is well at Bloomfield. Visits Mr. Wilbie's engine. Has visited Shadwell and made experiments. Concerning the dexterity in measuring out the coals. Vere's house dissolves at Xmas."*
5. Letter. Matthew Boulton (London) to James Watt (Soho). 1 May 1777. *Not dated – date taken from the docket. Summarised "Boulton with Sir Charles Whitworth. Concerning the Richmond engine. Required another engine for Chelsea Water Works and not being yet accustomed to estimates please send all the hints etc. you can to enable me to face the committee. Watt proposes glass in the nozzles to permit the seeing of the valves at work."*
6. Letter. Matthew Boulton (London) to James Watt (Soho). "Saturday Night" [3 May 1777]. *Summarised "Boulton with Mr. Gilbert MP in expectation of meeting gentleman from Russia. Concerning Mr. Wilkinson and his foundry, and if he is not honest Boulton will sell his clothes but what he will erect a foundry. About Perrier. Visits Chelsea engine and gives particulars of its working."*
7. Letter. Matthew Boulton (London) to James Watt (Soho). 7 May 1777. *Summarised "Concerning the Chelsea Water Works engine. Requires estimate for Richmond Water Works pump. Meets Shadwell committee tomorrow."*
8. Letter. Matthew Boulton (London) to James Watt (Soho). 8 May 1777. *Docketed "Bow Engine experiment."*
9. Letter. Matthew Boulton (London) to James Watt (Soho). 12 May 1777. *Docketed "Calculation Chelsea engine."*

10. Letter. Matthew Boulton (London) to James Watt (Soho). 16 May 1777.  
*Docketed "Simcocks and Chelsea coals."*  
*Summarised "Boulton before the Chelsea committee, who use strong language between themselves. Gives calculations of coal burnt, and other remarks, and proposes putting the cylinder inside the boiler. Also other propositions. In company of a person who has many strange views."*
11. Letter. Matthew Boulton (London) to James Watt (Soho). 22 May 1777.  
*Summarised "Visits the Shadwell committee. Visits the Chelsea committee. To attend Richmond. Thinks Wilkinson not sound, to cast a cylinder for an unknown firm. Concerning Miss Mynd's health."*
12. Letter. Matthew Boulton (London) to James Watt (Soho). 26 May 1777.
13. Letter. Matthew Boulton (London) to James Watt (care of Thomas Wilson, Chacewater). 18 Aug. 1777.
14. Letter. Matthew Boulton (Soho) to James Watt [Cornwall]. 30 Aug. 1777.
15. Letter. Matthew Boulton (Soho) to James Watt [Cornwall]. 4 Sep. 1777.  
*Docketed "The Proprietors of Tingtang Mine."*
16. Letter. Matthew Boulton (Soho) to James Watt (care of Thomas Wilson, Chacewater). 6 Sep. 1777. *On the same sheet:*  
Transcript of bill from Jukes Coulson & Co. for piston rods, 1 May 1777.
17. Letter. Matthew Boulton (Soho) to James Watt (Chacewater). 13 Sep. 1777.
18. Letter. Matthew Boulton (—) to James Watt (—). "Wednesday night" [— 1777].  
*This letter was probably written in October 1777; indeed Watt appears to have docketed it "Oc", although this is not entirely clear. Dickinson & Jenkins date the letter after Watt's return from Cornwall, which took place in late September or early October. The contents of the letter place both Boulton and Watt in Birmingham – given that Boulton departed for London early in November, October would appear to be the likeliest month.*  
*Docketed "Concerning the performance of the Soho engine."*

**3/2 Letters to James Watt, 1778 (18 items)**

1. Letter. Matthew Boulton (London) to James Watt (at Salmon's, Hassall). 3 Feb. 1778.  
*Summarised "Piece work v. day work. Smeaton's enquiry for condenser for an atmospheric engine."*
2. Letter. Matthew Boulton (London) to James Watt (Soho). 27 Apr. 1778.  
*Summarised "Henderson and Bedworth engine. Wants drawings from Watt. Watt's lodgings."*
3. Letter. Matthew Boulton (London) to James Watt (—). 1 Jul. 1778. 2 sheets.  
*Boulton completed this letter on 2 Jul.*  
*Summarised "Boulton in want of money and malice exhibited thereby in Birmingham. Concerning the application of scoop wheels or Archimedes' screw."*
4. Letter. Matthew Boulton (London) to James Watt (Redruth). 3 Jul. 1778.  
*Boulton completed this letter on 4 Jul.*  
*Summarised "Erectors to note defects in a book. Concerning business with Cornish bankers. Drainage of Holland and gold medals. Richmond engine. Keir. Wants about £5000 to assist in difficulties."*
5. Letter. Matthew Boulton (London) to James Watt (Redruth). 9 Jul. 1778.  
*Summarised "Shadwell Water Works. With Smeaton. Requires money to meet bills. Richmond Water Works not satisfactory. Thinks there is too much friction by having small pipes."*

- 6.** Letter. Boulton & Fothergill (Birmingham) to James Watt (Redruth). 11 Jul. 1778.  
*On the same sheet:*  
Letter. John Hall (Soho) to James Watt (Redruth). 10 Jul. 1778.  
*Docketed as Mr. Walker. The letter signed "Boulton & Fothergill" is in Zaccheus Walker's hand, and concerns a fire in the engine house at Soho.*
- 7.** Letter. Matthew Boulton (London) to James Watt (—). 11 Jul. 1778.  
*Summarised "Received money. Bankers want it. Boulton in low spirits. Richmond engine in bad form. Concerning leads in cylinders, for the pistons."*
- 8.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 25 Jul. 1778.  
*Summarised "Concerning malice exhibited in Birmingham. Concerning fire at Soho, burning of the engine house. Value of damage sustained. Engines for the Prussian commissioners. Richmond engine. Hornblower's company."*
- 9.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 29 Jul. 1778.  
*Docketed as 28 July. Summarised "Concerning money affairs. Richmond supplied with water entirely by Boulton & Watt. Slowness of erectors."*
- 10.** Letter. Boulton & Fothergill (Birmingham) to James Watt (Redruth). 15 Aug. 1778.  
*In Zaccheus Walker's hand.*
- 11.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 22 Aug. 1778.  
*Summarised "Concerning money matters. Engines visited and found in very bad state. William Murdock wants to erect a Scotch engine, now a good engineer."*
- 12.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 27 Aug. 1778.  
*On the same sheet: Transcript of letter. Matthew Boulton (Soho) to J. D. H. van Liender [Rotterdam]. 27 Aug. 1778.*  
*Summarised "Copy of letter concerning the drainage of Holland. Bouge's double cylinder engine. William Murdock's abilities. Spanish engines. Designs of pistons. Elliptical compass."*
- 13.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 1 Sep. 1778.  
*Summarised "Murdock not to erect the Scotch engine. University men to keep engines in order. Murdock at Bedworth. Copper education pipe better than iron."*
- 14.** Letter. Matthew Boulton (London) to James Watt (Redruth). 12 Sep. 1778. 2 sheets.  
*Summarised "Concerning pistons. Bedworth engine water. Richmond engine. Shadwell engine."*
- 15.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 26 Sep. 1778.  
*Summarised "Discovers the fault at Shadwell. Richmond won't pay. Hawkesbury won't pay."*
- 16.** Letter. Matthew Boulton (Soho) to James Watt (—). 17 Dec. 1778.  
*Summarised "Matthew Wasbrough good brazier. William Murdock as pattern maker. Engines going well."*
- 17.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 26 Dec. 1778.  
*Re-directed to James Watt at Soho.*  
*Summarised "Chelsea engine. Shadwell engine. Richmond engine. Speaks well of William Murdock. Concerning Messieurs Perier and Jary."*
- 18.** Letter. Matthew Boulton (Soho) to James Watt (Redruth). 30 Dec. 1778.  
*On the same sheet: Letter. James Keir [Soho] to James Watt (Redruth). 30 Dec. 1778.*  
*Re-directed to James Watt at Soho. The sheet is very badly damaged, and part of Boulton's letter has been torn away.*  
*Summarised "James Keir's letter concerning James Watt's son James. Concerning Cornish engines. Glass barometers better than iron."*

**3/3 Letters to James Watt, 1779 (36 items)**

1. Letter. Matthew Boulton (London) to James Watt (Soho). 19 Jan. 1779 [?].  
*This letter was not dated by Boulton. It was docketed by Watt as 6 Jan., but the postmark appears to read 19 Jan. Docketed "About Mr. Perier and about Bedworth engine."*
2. Letter. Matthew Boulton (London) to James Watt (Birmingham). 20 Jan. 1779.  
*Summarised "Cautions Watt against foreigners who have come over to steal his ideas. Concerning trouble in getting documents signed. Boulton hurt by a coach. Thinks it necessary to inform Wilkinson of the Baron's visit for information."*
3. Letter. Matthew Boulton (London) to James Watt (Birmingham). 22 Jan. 1779.  
*Summarised "Complains of delay in getting documents. Trusts Watt will not think ill of him. Will try to get a neutral ship to sail to Nantes. Wants Murdock to go to Watt. Business with Perrier – should not let him slip through our fingers."*
4. Letter. Matthew Boulton (London) to James Watt (—). 23 Jan. 1779.  
*Sent with the letter below. Summarised "Proposals to Perrier and directors."*
5. Letter. Matthew Boulton (London) to James Watt (Birmingham). 23 Jan. 1779.  
*Summarised "Concerning documents. Concerning his accident. Gives account of his health."*
6. Letter. Matthew Boulton (London) to James Watt (Birmingham). 26 Jan. 1779.  
*Summarised "Proposals to Monsieur Jary concerning the cost of engines for France and difficulties in sending them. Watt's headaches. Engine for Russia. Fothergill says we want honours from Russia before supplying."*
7. Letter. Matthew Boulton (London) to James Watt (Soho). 27 Jan. 1779.  
*Summarised "Concerning business with Perrier."*
8. Letter. Matthew Boulton (London) to James Watt (Birmingham). 29 Jan. 1779.
9. Letter. Matthew Boulton (London) to James Watt (Birmingham). 30 Jan. 1779.  
*Summarised "Concerning the business with Perrier."*
10. Letter. Matthew Boulton (London) to James Watt (—). 2 Feb. 1779.
11. Letter. Matthew Boulton (—) to James Watt (Birmingham). 13 Feb. 1779.  
*Not dated – date taken from the postmark. Docketed as 14 Feb. Summarised "Concerning several engines."*
12. Letter. Matthew Boulton (Hawkesbury Colliery) to James Watt (Newhall, Birmingham). 5 Mar. 1779.  
*Summarised "Plug valves used on atmospheric engine ought to be patented. Concerning the Hawkesbury Colliery engine."*
13. Letter. Matthew Boulton ("Encamped in Hawkesbury Field") to James Watt (Soho). 6 Mar. 1779.  
*Summarised "Concerning the excellent working of the Hawkesbury atmospheric engine."*
14. Letter. Matthew Boulton (Bedworth) to James Watt (Newhall). 7 Mar. 1779.  
*Summarised "Trial of the old engines at Bedworth."*
15. Letter. Matthew Boulton (Hawkesbury Field) to James Watt (Soho). 11 Mar. 1779.  
*Summarised "Trials of the atmospheric and steam engines at Hawkesbury Colliery."*
16. Letter. Matthew Boulton (Hawkesbury Field) to James Watt (Birmingham). 12 Mar. 1779.  
*Summarised "Variance of the water lifted by the atmospheric and steam engines. Suspects the old engine people are tricking."*

- 17.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 23 Apr. 1779.  
*Summarised "Visit to Shadwell and Chelsea engines. Chain breaks. Concerning keels. Business with Lord D. (Lord Dartmouth I presume)."*
- 18.** Letter. Matthew Boulton (Amsterdam) to James Watt (Birmingham). 30 Apr. 1779.  
*Summarised "Boulton at Amsterdam. Concerning Mrs. Watt's air (daughter's birth). Boulton's scheme for varying lifts."*
- 19.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 8 May 1779.  
*Summarised "Boulton's voyage from Holland. Mrs. Watt's daughter's birth. Signing of documents."*
- 20.** Letter. Matthew Boulton (—) to Anne Boulton (Soho). 10 May 1779.  
*Not dated – date taken from the postmark. This paragraph to Watt formed the postscript of a letter from Boulton to his wife; the outside of the letter is directed to "Mrs. Boulton, Soho". This part of the letter was torn away, and passed to Watt. Mrs. Boulton presumably retained the other half. Docketed "Mr. Boulton 11 May 1779. The breaking of Chelsea chain." Summarised "Accident at Chelsea Water Works – the breaking of chains."*
- 21.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 15 May 1779.  
*Summarised "Concerning the accident at Chelsea and Boulton's scheme and sketch [within the text] for repairing the cracked cylinder."*
- 22.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 25 Jun. 1779.  
*Summarised "Concerning Chelsea engine. Also Lord Dartmouth. Mentions Watt's new scheme for copying letters."*
- 23.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 3 Jul. 1779.  
*Summarised "Concerning Watt's headaches. Concerning Chelsea engine trial. Rude and foolishness of the Bank people concerning Watt's copying scheme."*
- 24.** Letter. Matthew Boulton (—) to James Watt (Birmingham). "Tuesday Midnight" 6 Jul. 1779. *Sumarised "Chelsea Water Works engine trial."*
- 25.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 8 Jul. 1779.  
*Summarised "Good bargain with the Hawkesbury people. Concerning the removal of engines. Concerning passports. Erector nearly pressed. Signing of Penryndee Mine documents."*
- 26.** Letter. Matthew Boulton (—) to James Watt (Birmingham). 15 Jul. 1779.  
*Not dated – date taken from the postmark. On the same sheet are extensive calculations of the performance of the "Chelsea Old Engine". Docketed "Mr. Boulton's account of Chelsea experiments." Summarised "Calculation of the trial of Chelsea Water Works engine. Concerning Smeaton's trials of Watt's engine. Boulton gives points for ideas in improving the engines."*
- 27.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 21 Jul. 1779.  
*Summarised "Money prospects brighter. Mr. Watt ought to be relieved of part of business. Chelsea Water Works. Boulton's daughter's illness. Hornblower to go home. Smeaton's publications not kindly intended."*
- 28.** Letter. Matthew Boulton (Southampton) to James Watt (Birmingham). 28 Jul. 1779.  
2 sheets. *Docketed "About payments to Low Vere & Co."*
- 29.** Letter. Matthew Boulton (—) to James Watt (Birmingham). circa 29 Jul. 1779.  
*Summarised "Concerning the Shadwell Water Works engine and the air vessel. Also Chelsea Water Works. Mentions the East India Company."*

- 30.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 12 Aug. 1779. Summarised *“Donnington Wood engine, and Hornblower’s grievances and his expensive ways. Proposes sending him back to Birmingham. Boulton proposes to cut the steam off at 2/3 of stroke. Bad behaviour of Hornblower. Boulton wants a good picture from Soho for a present.”*
- 31.** Letter. Matthew Boulton (Soho) to James Watt (Birmingham). 17 Aug. 1779. Summarised *“Boulton thinks Hornblower should not be turned adrift. Suggests sending him to Ketley and Penryndee. Mentions the French and Spanish fleet in the Channel – hopes Hardy will beat them.”*
- 32.** Letter. Matthew Boulton (Soho) to James Watt (at Thomas Wilson’s, Chacewater). 4 Oct. 1779. Summarised *“Watt’s arrival in Cornwall. Smeaton speaks well of Chelsea engine. Letters from Wilkinson. Complaints to be of Ned Bull. Thinks he can make a good thing for Watt of the copying business. All the world won’t pay – time they did.”*
- 33.** Letter. Matthew Boulton (Soho) to James Watt (—). 18 Oct. 1779. 2 sheets. Summarised *“Cleared up Vere’s business. Keir wants to patent his naval metal. Shadwell engine. Sealing of Hawkesbury deed and mocking of engine. Concerning the copying scheme. Wasbrough not to be pushed. A recipe for drunkenness better than for swearing.”*
- 34.** Letter. Matthew Boulton (Soho) to James Watt (—). 21 Oct. 1779. Summarised *“Boulton angry – will not be bullied out of money. Trusts it will not upset Watt. to have charge of his business and he will then soon be at Cornwall.”*
- 35.** Letter. Matthew Boulton (Soho) to James Watt (at Thomas Wilson’s, Chacewater). 23 Oct. 1779. Summarised *“Watt not to shield Dudley. Hints on piston rods. Copper plate prints of engines. Jary wants engines for France. Boulton going to London.”*
- 36.** Letter. Matthew Boulton (Soho) to James Watt (at Thomas Wilson’s, Chacewater). 6 Nov. 1779. Summarised *“Boulton and family ill. Watt in trouble with the Cornish mine proprietors. London Bridge Water Works and fire engine burned down.”*

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DETAILED LISTING

**REEL 199**

**3/4 Letters to James Watt, 1780 (44 items)**

Letters from Matthew Boulton to James Watt from 1780. The bundle also contains three letters from Logan Henderson to James Watt.

1. Letter. Matthew Boulton (York) to James Watt (Birmingham). 8 Mar. 1780.  
*Summarised "Concerning the signing of Fenton's articles. Also the copying business. Boulton going to Newcastle."*
2. Letter. Matthew Boulton (London) to James Watt (—). 6 Apr. 1780.  
*Mis-dated by Boulton as Mar. Summarised "York Building Water Works require an engine. Smeaton's failure with wooden piston. Concerning the copying scheme."*
3. Letter. Matthew Boulton (London) to James Watt (Birmingham). "Saturday night"  
8 Apr. 1780.  
*On the same sheet:*  
Memorandum. "York Building Western Engine. Query respecting the Erection of a new engine to raise 55,600 cubic feet in 8 hours." 7 Apr. 1780.  
*Summarised "Calculations of size of York Buildings engine. Dr. Roebuck almost insists that his son becomes partner. Copying scheme."*
4. Letter. Matthew Boulton (London) to James Watt (—). 10 Apr. 1780.  
*Docketed "About Mr. Wiss's affairs."*  
*Summarised "Copying scheme. York Building Water Works calculations. Concerning dividing money matters."*
5. Letter. Matthew Boulton (London) to James Watt (Birmingham). 17 Apr. 1780.  
*On the same sheet:*  
Letter. James Keir (London) to James Watt (Birmingham). 17 Apr. 1780.  
*Summarised "Letter from Keir with information re. copying scheme, and the naval metal. Boulton with Sardinian ambassador. Will see Lord Dartmouth."*
6. Letter. Matthew Boulton (—) to James Watt (Birmingham). 19 Apr. 1780.  
*Not dated – date taken from the postmark.*  
*Summarised "Concerning the shares in the copying scheme. Cornish mine Wheal Union in trouble – likely to close."*
7. Letter. Matthew Boulton (London) to James Watt (Birmingham). 23 Apr. 1780.  
*Summarised "Boulton with the King and followers. The King heads the list of subscribers for copying machines, wants a copying machine. Boulton's sketches and suggestions. Boulton speaks well of Watt to the King. The King interested in Watt's adventures."*
8. Letter. Matthew Boulton (London) to James Watt (Birmingham). 28 Apr. 1780.  
*Docketed "Shadwell engine." Summarised "Boulton's Hockley Brook farm rent £40. Desires Watt to send up machines as fast as possible. Chelsea and Shadwell engine returns. Concerning taking shares in Cornish mines. Boulton dines with nobility."*

- 9.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 1 May 1780.  
*Summarised "Boulton's ideas for a table copying press and complaints of springs. Duke of Northumberland requires an engine. Angry with Cornish ways. Wants more presses to show in the House of Lords and Commons."*
- 10.** Letter. Matthew Boulton (London) to James Watt (—). 14 May 1780. Incomplete.  
*This letter is marked "To be continued", but the continuation is now missing.  
Summarised "Boulton before Lords and Commons. Lengthy correspondence concerning copying scheme. Shadwell engine affairs to settle."*
- 11.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 17 May 1780.  
*Summarised "Settled money matters with lawyers. To show the copying press to several Lords."*
- 12.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 3 Jun. 1780.  
*Summarised "Boulton with the lawyers. Thinks Watt not acting properly towards him, would wish him in London. Chelsea people offer £1000 premium."*
- 13.** Letter. Matthew Boulton [London] to James Watt (—). 12 Jun. 1780.  
*Not dated – date taken from the docket.  
Summarised "Legal arrangements settled. Watt to take with him to London several writings."*
- 14.** Letter. Matthew Boulton [London] to James Watt (Birmingham). "Thursday Night"  
15 Jun. 1780.  
*Summarised "Boulton tries to settle Chelsea Water Works affairs with the Directors. Clynton conquered Charlestown and 7000 prisoners."*
- 15.** Letter. Matthew Boulton (London) to James Watt (—). 16 Jun. 1780.  
*Docketed "Enclosing his own draft on Mr. Matthews at 6 weeks for £100-." Summarised  
"Requires 4 printed circulars for working the engine. Also political news."*
- 16.** Letter. Matthew Boulton (London) to James Watt (—). 7 Jul. 1780.  
*Summarised "Concerning materials for the copying press. Remarks upon the King's press."*
- 17.** Letter. Matthew Boulton (London) to James Watt (—). 8 Jul. 1780.  
*Summarised "Derangement of legal matters. Boulton very strong in his views."*
- 18.** Letter. Matthew Boulton (Plain an Gwarry Green) to James Watt (Birmingham). 31 Aug. 1780.  
*Summarised "Viewed above 50 ships off Falmouth. Also John Westley preaching to 5000. Boulton visits the Cornish mines. Speaks well of Ale & Cakes. Sir Francis Bassett wants copying press."*
- 19.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 2 Sep. 1780.  
*Docketed "Concerning Gregory Mine."  
Summarised "Yatestoop and Gregory atmospheric engine to be the standard. Boulton questions their being better than Smeaton's improved engine. Cornish engines wanted, trusts Watt will hurry with drawings."*
- 20.** Letter. Matthew Boulton (Plain an Gwarry) to James Watt (Birmingham). 7 Sep. 1780.  
*Summarised "Cornish affairs. Wilkinson wants shares. Proposes to coat the pumps with asphaltum inside. Mentions Coalbrookdale. Will try to convert iron into steel."*
- 21.** Letter. Matthew Boulton (Plain an Gwarry) to James Watt (Birmingham). 9 Sep. 1780.  
*Summarised "Concerning the position of balance beams in the Cornish mines. Hopes Watt will consider this matter."*
- 22.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 11 Sep. 1780.  
*Summarised "Watt to inform Boulton of the lowest limit for the annual price of engines."*

- 23.** Letter. Matthew Boulton (Plain an Gwarry) to James Watt (Birmingham). 14 Sep. 1780. 2 sheets. *Dated as 1728 by Matthew Boulton, as 14 Sep. 1728 was his first birthday. Docketed "Calculations about Wheal Chance engine." Summarised "Boulton's age and birthday – at the end of the letter."*
- 24.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 18 Sep. 1780. *Docketed "Account of United Mines boilers." Summarised "Concerning Cornish money affairs. Re. boilers and chimney improvements. To persuade the Coalbrookdale Co. we are their friends. Watt to prevent absurdities at Soho. Re. cutting out presses."*
- 25.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 23 Sep. 1780. *Docketed "About Jonathan Hornblower, William Murdock and Wheal Virgin engine." Summarised "Jethro Hornblower's bill £105. Six new engines required. Concerning Hornblower and Murdock – Murdock requires higher wages. 20 guineas present given to him, he being well spoken of both sides."*
- 26.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 25 Sep. 1780. *Docketed "Concerning meeting of Wheal Virgin proprietors." Summarised "The French pirates take our vessels. Concerning the design of balance bobs. Boulton proposes a better system of conducting Cornish affairs between the proprietors. He is in fine spirits."*
- 27.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 30 Sep. 1780. *Docketed "Account of the Wheal Virgin resolves." Summarised "Boulton meets a large body of mine proprietors. He is saddle-sick. Watt low-spirited. Murdock mentioned. Re. cylinder bottom. Will send some of the proprietors to the Devil if Watt don't save them."*
- 28.** Letter. Matthew Boulton & Logan Henderson (Redruth) to James Watt (Soho). 2 Oct. 1780. *This letter was begun by Boulton and finished by Henderson. Docketed "Henderson concerning proposed alterations in engine tables." Summarised "Cornish – table of savings hath muddled the mine proprietors. The tables to be less complicated. Table of savings given for example. Letter from Henderson concerning the tables and richness of mines."*
- 29.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 4 Oct. 1780. *On the same sheet:*  
Letter. Matthew Boulton [Truro] to James Watt (Soho). Undated [5 Oct. 1780]. *Docketed "Concerning them losing Poldice drawings." Summarised "Henderson's letter saying he has lost drawings of Poldice New engine. Jethro Hornblower says he never had them. William Murdock says he saw him with them. Proprietors wish to pay a yearly sum of £2500. Watt to send remarks."*
- 30.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 7 Oct. 1780. *Docketed "Respecting the offer of £2500 by Wheal Virgin." Summarised "Concerning receiving an annual amount for Cornish engines. Gives Watt hints to write back, that he may show the Adventurers to prove they have the best of the bargain. Thinks the arrangements are excellent for low spirits."*
- 31.** Letter. Matthew Boulton (Redruth) to James Watt (Soho). 11 Oct. 1780. 2 sheets. *On the same sheet:*  
Letter. Logan Henderson (—) to James Watt (Soho). "Thursday" [12 Oct. 1780]. *Docketed "About Wheal Chance and Wheal Virgin." Summarised "Concerning the removal of a Cornish engine. Captains try to expose use, have settled peaceably. Henderson's model of a beam, cylinder and pumps. In company with Sir and Lady Bassett. Proposes taking shares to make us masters instead of servants. Names of erectors for engines. Could not iron be used for boiler flues instead of copper. Lack of smiths. William Murdock mentioned."*
- 32.** Letter. Matthew Boulton (Truro) to James Watt (—). 19 Oct. 1780. *Summarised "Business well settled. Gives sizes of Cornish engines and length of strokes preferred."*

- 33.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 21 Oct. 1780.  
*Docketed "Wheal Virgin affairs."*  
*Summarised "Concerning Cornish mine affairs. Murdock and Bouge want to go partners. Requires smiths and carpenters. Orders for copying presses for French royal family. Annual amounts of engines considered."*
- 34.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 24 Oct. 1780. 2 sheets.  
*Summarised "Cornish men at their elections cry for Parliament to relieve them of Boulton & Watt's impositions. Boulton prefers to mix with high society. Boulton cannot ride for boils. In distress for forgings. Concerning erectors. Boilers and their making. Rule for chimneys. Watt figures them too low."*
- 35.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 6 Nov. 1780.  
*Docketed "Enclosing Mr. Motteux's letter and the questions put to Capt. Martin."*  
*Summarised "Copper boiler flues never want cleaning on the outside. Smiths' work to be got at any price. Pool boiler to be a Bouge boiler. Captain Lye in respect to depths. Watt's principle on shorter lever at pump end considered impractical. Proprietors' printed forms to be filled up by an agent. Racks to be of wrought iron [?] and teeth milled out. Concerning the powers of engines."*
- 36.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 11 Nov. 1780.  
*Docketed "Invoice of tin." Summarised "Engine wanted at Comb Martin, West Devon. Concerning the quantity of tin for Soho. Fothergill to look the matter up. Thanks Watt for his medical advice. Surgeon advises him to be careful. He is much better. Gilbert Meason should be asked for money."*
- 37.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 13 Nov. 1780.  
*Docketed "Cusgarne house." Summarised "Will get writings engrossed. Calculations laid before Hitchens the astronomer. Improvements upon engines not to be paid for. Boulton or Watt to attend the engine starting. Concerning castings for pump work. Boiler covering to be like steam cases. Has started a lengthy table of boiler work. Boulton taken Cusgarne House."*
- 38.** Letter. Matthew Boulton (Plain an Gwarry) to James Watt (Birmingham). 16 Nov. 1780.  
*Summarised "Boulton's illness. Watt's remarks. Boulton endeavours to correct certain Captains. William Murdock's trial of Poldory boiler. Mine proprietors will not employ engineers, we must. Boulton speaks of his wife's birthday."*
- 39.** Letter. Matthew Boulton (Plain an Gwarry) to James Watt (Birmingham). 18 Nov. 1780.  
2 sheets.  
*Boulton continued this letter on 20 Nov.*  
*Docketed "List of Wheal Virgin pumps." Summarised "Mentions Hornblower. Requires drawings for smiths. No smiths' tools arrived. Re. design of pump rod joints. Bouge's boilers do well. Does not care for Hornblower's. 64 bushells put into 70. Proposes to have matters settled before sending materials. Pump information."*
- 40.** Letter. Matthew Boulton (Redruth) to James Watt (Birmingham). 23 Nov. 1780.  
*Docketed "About signing Wheal Virgin agreements." Summarised "Cannot get the documents signed. Tired with the delay. Want cost reduced. Watt to obtain forgings, he will get chains."*
- 41.** Letter. Matthew Boulton (Dolcoath) to James Watt (Birmingham). 25 Nov. 1780.  
*Summarised "Received Watt's drawings concerning forgings and smiths' tools. Bought bellows at Hayle. Sizes of bolts and holes."*

**42.** Letter. Matthew Boulton (Plain an Gwarry) to James Watt (Birmingham). 26 Nov. 1780.  
*On the same sheet:*

Transcript of bill of exchange. T. Kevill to Matthew Boulton, on Biddulph Cocks Eliot & Praed, Bankers in London. 24 Nov. 1780.

*Letter continued from Truro on 27 Nov.*

*Docketed "A payment from Dolcoath of £161.18.4 and the signing of Dolcoath and Pool agreements." Summarised "Bill for £161.18.0. Business to be settled before signing documents, several settled. Birmingham manufacturers and merchants form a copper works with £50,000 and request Boulton to manage it. Concerning the wheel and crank and patents. To watch for patents."*

**43.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 11 Dec. 1780.  
*Mis-docketed as 7 Dec. Docketed "Account of money received." Summarised "Has received moneys. On the consumption of coals. If Fothergill asks after my business here tell him it is a secret. Likes being at Cornwall."*

**44.** Memorandum by Matthew Boulton. Not dated [1780?].

*This note by Boulton appears to have been sent to Watt with the draft of a letter. It was written in Cornwall, as it goes on to discuss various Cornish engines and the potential advantages to Boulton & Watt if they are kept in good working order.*

### **3/5 Letters to James Watt, 1781 (62 items)**

**1.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 28 Mar. 1781.  
*Summarised "Perier and the Paris Water Works engine. Smeaton comes to Town, asks if Watt has anything to say to him. Boulton re. a journey to France concerning Jary's engine."*

**2.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 29 Mar. 1781.  
*Summarised "Information concerning the copying machine costs etc. Playfair upon New River Head drawings. Mentions Smeaton. Guards Watt against the North East Wind."*

**3.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 10 Apr. 1781.  
*Summarised "Snow Hill Co. (re. crank patent) want £20,000 for licence. Should not discharge Cartwright, his evidence will be useful. Engines wanted in London, will see lawyers before settling. Boulton & Fothergill's business not prospering during his absence – distresses Boulton. With Sir Francis Bassett who purchased a Cornish estate value £19,000. Tries to borrow money."*

**4.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 11 Apr. 1781.  
*Mis-dated by Boulton as 10 Apr. Docketed "Tidy & Spence's engine." Summarised "Messrs. Tidy & Spence require an engine to enable them to roll lead for Government. Boulton proposes Watt stays at Soho when he is away. Mr. Wasbrough and his engine and the patents, runs down Boulton & Watt engine."*

**5.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 14 Apr. 1781.  
*Summarised "Boulton has lost the agreement with Shadwell Water Works. Requests Watt to send another."*

**6.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 16 Apr. 1781.  
*Summarised "Navy Victualling Office require an engine for grinding corn. Wasbrough recommends his rotative motion and abuses Boulton & Watt's engine. They visit our Chelsea and Shadwell engines and are satisfied with us. Glad to hear Watt is about designing rotative motions. The enemy shows fight, as we will not back. Recommends Watt to pray."*

- 7.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 19 Apr. 1781.  
*Summarised "The Navy Victualling Office commissioners require our engine, with Wasbrough's pretended patent crank, at which I declined business. What can we do? Has been in Wasbrough's company, he wants all the profit of the crank end. Query if there is any advantage from the perpetual vacuum at Chelsea and Shadwell. Business requires a counting house in London. Fothergill unkind in remarks to Boulton. Has not charged his travelling expense. Will leave money matters in Watt's hands."*
- 8.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 20 Apr. 1781.  
*Summarised "Concerning the crank engine for the Navy victualling yard. Recommends Smeaton, and spends the evening with him. Proposes adopting Watt's early scheme to avoid the crank. With Wasbrough who endeavours to come to terms. I refuse for the crank – is not his."*
- 9.** Letter. Matthew Boulton (London) to James Watt (—). 23 Apr. 1781.  
*Summarised "Crank. Meeting of Wasbroughs and Steed and Boulton. The invention... [part of the summary note has been torn away]."*
- 10a.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 26 Apr. 1781.  
*Enclosing (b) below.  
Summarised "Erecting the large engine for the Navy Victualling Yard will gain us experience. To accompany Smeaton to the mill. Mr. and Mrs. Fothergill ill treat Boulton severely."*
- b.** Memorandum. Rough draft of Submission – Boulton & Watt and Snow Hill Company.  
*In Matthew Boulton's hand.  
Summarised "The Crank Question. The engine for the Navy Victualling Yard. Boulton asserts Watt's priority of invention. The matter to be laid before two gentlemen for arbitration."*
- 11.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 28 Apr. 1781.  
*Summarised "Vessel with Pool engine to be ransomed if taken. Boulton with Smeaton, and what he can grind into corn per hour. Boulton proposes to raise water for wheels to grind corn and not have a crank engine. Account of Wasbrough's model."*
- 12.** Letter. Matthew Boulton (Birmingham) to James Watt (Cusgarne). 16 Jun. 1781.  
*Summarised "Watt's journey into Cornwall. Rotherham people require a blowing engine. Gives information of engine. Concerning copying press agents."*
- 13.** Letter. Matthew Boulton (Soho) to James Watt [Cornwall]. 19 Jun. 1781.  
*Summarised "Disposal of castings in the boat, to lessen the ransom if taken by the French. Made trials with rotative motions. Watt to take out patents for the whole family of spiral and elliptical horizontal wheels. Afraid we shall lose what we have if not patented, will be at the expense myself. Mentions models."*
- 14.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 21 Jun. 1781.  
*Dated "Soho the longest day not long enough 21 June 1781." Summarised "Asks Watt not to vex himself, if the engines cannot be erected. Mentions the different rotative motions and argues for a patent. Many mill engines wanted and we ought to go in for them. Watt to do the best he can."*
- 15.** Letter. Matthew Boulton (Birmingham) to James Watt (Cusgarne). 23 Jun. 1781.  
*Summarised "Concerning Mrs. Watt and family. About insuring goods for Cornwall. Great number of French and American privateers in St. George's Channel. Lords and foreign visitors. Concerning the supply and market for copper and copper companies."*
- 16.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 26 Jun. 1781.  
*Summarised "Sorry Cusgarne has painters etc. Many foreigners – Boulton tired of receiving them, wishes he was at Land's End. Obligated to be merry etc. and attend to business with Fothergill though little to do."*

- 17.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 28 Jun. 1781.  
*On the same sheet:*  
Transcript of letter. James Spedding (Whitehaven) to Boulton & Watt [Soho]. 22 Jun. 1781.  
Memorandum of letters received at Soho from Francis Thompson (Ashover) and David Watson (Glasgow).  
*Summarised "Messrs. Spedding & Co.'s account of Poldice engine. Concerning a boring machine better than Coalbrookdale. G. Matthews' rolling mill begun. Another engine invented – Hanley to search the Patent Office monthly. Concerning rotative motion and models. Boulton in company with Dr. Adam Ferguson the author. Tells Watt no-one shall see his letters."*
- 18.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 1 Jul. 1781.  
*Mis-dated by Boulton as 1780.*  
*On the same sheet:*  
Transcript of letter. James Woodmason (London) to James Watt & Co. [Soho].  
29 Jun. 1781. *Summarised "Private thoughts to Watt. Boulton & Watt's accounts to be kept separate from Boulton & Fothergill's. The Cornish proprietors to pay the erectors and insurances. Concerning Boulton's scheme and models for rotative motions."*
- 19.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 3 Jul. 1781.  
*Summarised "Concerning the great rotative engine and elliptical and rotative models. Trial of the Great Model, Boulton wishes to patent it. About different erectors and engines. Boulton at the Lunar Society. Nothing new but his ore."*
- 20.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 10 Jul. 1781.  
*On the same sheet:*  
Transcript of letter. John Scott (Shrewsbury) to Boulton & Watt [Soho]. 9 Jul. 1781.  
*Summarised "Copy of Scott's letter concerning "Bog" engines. Speaks of the model with the crank. About Cornish mine affairs in strong language. About motions to patent including the double crank. Boulton has a model of a rolling mill. Wilkinson desires to erect one, will Watt leave it my hands – I will do him credit."*
- 21.** Letter. Matthew Boulton (Birmingham) to James Watt (Cusgarne). 14 Jul. 1781.  
*Summarised "Visits Bradley to look for castings. Sees a new forge at work. Thinks Boulton & Watt can make very good steam forges and with the assistance of pit coal and by canals, will alter the iron trade and upset the old iron masters."*
- 22.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 17 Jul. 1781.  
*Summarised "Desires to show kindness to mine proprietors by sharing with them. Hopes the vessel with engines will arrive. Order Book to be kept. Concerning forge hammers, mills etc. with sketch [within the text] showing application of the double cylinder."*
- 23.** Letter. Matthew Boulton (Soho) to James Watt (—). 21 Jul. 1781.  
*On the same sheet:*  
Transcript of letter. William Moore (Penryndee) to Boulton & Watt [Soho]. 9 Jul. 1781.  
Abstract of letter from John Threlkeld, 19 Jul. 1781.  
*Summarised "Boulton gives a sketch [within the text] and lengthy correspondence concerning taking out a patent for a new system of producing a vacuum – is greatly concerned thereat. Watt can have the honour if he can have the profit. Penryndee mine will close. Thinks he had better examine the Patent Office, to hold to rotative motions if the engine goes."*
- 24.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 24 Jul. 1781.  
*Docketed "Terms for North Downs."*  
*Summarised "Glad the vessel has arrived with the castings. Hornblower and the new air. Concerning copper companies. No danger of having a law suit about cranks. Mentions a double crank. To take shares in Cornish mines."*

- 25.** Letter. Matthew Boulton (Birmingham) to James Watt (Cusgarne). 26 Jul. 1781.  
*Summarised "Dr. Priestley's experiments upon the new airs, and their failure for use. Boulton rejoices and incites Watt not to fear the Hornblowers, they will bring the trouble upon their own heads. Cannot have law suits with the Snow Hill Co. about double engine forge – we only make the engine and work. Wilkinson makes and uses the forge."*
- 26.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 28 Jul. 1781.  
*On the same sheet:*  
Transcript of account. Paper sent to Redruth by Bromwich Isherwood & Bradley of London. 15 Jun. 1781.  
*Docketed "Invoice – reams paper."*  
*Summarised "To take a patent for the double crank. Valuable letter from Boulton concerning Hornblowers' intended infringement. Boulton endeavours to comfort Watt thereon, and speaks at great length about the engine invention."*
- 27.** Letter. Zaccheus Walker (Birmingham) to James Watt (Cusgarne). 29 Jul. 1781.  
*Walker writes on Matthew Boulton's behalf.*  
*Docketed "Desire to mention proposals to the Horners."*  
*Summarised "Boulton's scheme to obtain information of and prevent Hornblower using his engine."*
- 28.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 30 Jul. 1781.  
*Summarised "Concerning mill hammers and Boulton's mill model. Pickard's deceit. In company of philosopher Walker, ridicules his invention of putting the cylinder in the boiler and speaks about vertical tubes in boilers, the use of second-hand steam and any other little object ought to be patented. Mentions Hornblower."*
- 29.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 7 Aug. 1781. 2 sheets.  
*On the same sheet:*  
Transcript of letter. John Turner (Bersham) to Boulton & Watt. 1 Aug. 1781.  
Transcript of letter. Hugh Jones (Chester) to Boulton & Watt. 1 Aug. 1781.  
*Docketed "Return from Derbyshire and sundry other subjects."*  
*Summarised "Gregory engine too expensive. Boulton proves their error. Yatestoop engine to be erected 1000 fathoms underground. Arkwright loses the day, his revenge. Boulton says he had no right to patent, for he had seen such mills 40 years prior to Arkwright's use of them. Shadwell piston rod breaks. Engines wanted. Experiments upon the expansive principle at Soho. Lengthy correspondence concerning Hornblower."*
- 30.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 9 Aug. 1781.  
*Docketed "Concerning Mr. Edwards' mill." Summarised "Concerning Henderson's bad behaviour – cannot he assist you with drawings for a gin engine. Concerning the cylinder in the boiler and Hornblower. Rolling and forging mills, also rotative motion etc."*
- 31.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 11 Aug. 1781.  
*Docketed "About Yatestoop mine." Summarised "Desires Watt to put his schemes on paper and have models made, also to advertise in papers all his previous schemes, of all sorts, to avoid patents. Wishes to prevent engine people going into Cornwall. An engine 100 yards underground. Will do all I can to prevent Yatestoop pulling me under."*
- 32.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 12 Aug. 1781.  
*With a postscript by William Withering. Docketed "Calculations about Yatestoop mine."*  
*Summarised "Comments and calculations concerning placing the engine under the surface of the ground at about 100 yards down in the mine. Southern mentioned. Directions for copying drawings wanted for the printer. Keir and Boulton for some arrangement. Dr. Withering's p.s."*
- 33.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 14 Aug. 1781.  
*Docketed "Calculations about Yatestoop." Summarised "Corrects his previous calculation. Desires Watt to boast about his engine to quiet the Hornblowers. Gives his views upon the surface condenser and asks Watt to thoroughly consider the question."*

- 34.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 16 Aug. 1781.  
*Docketed "About allowance to Kestal and to Wheal Chance." Summarised "Henderson's influence over Murdock to be superceded by Watt's. About the air in condensers. Re. mine speculation. Hockley Pool green grass. The philosopher Walker with me. I send you his drawings. Have now sent George Mynd home, he is too bad."*
- 35. Letter.** Matthew Boulton (Soho) to James Watt (Cusgarne). 18 Aug. 1781.  
*Docketed "About experiment on the quantity of ? in water and tube condensers." Summarised "Boulton's trials and remarks about the tubular condenser, and concerning Watt's first model of one. Thinks Hornblowers make this their point since Henderson divulged. Do not care for plates in preference to tubes. Will watch Onions if he bores any cylinders with his new mill. Re. Arkwright's invention. Re. red hot steam etc."*
- 36.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 21 Aug. 1781.  
*Docketed "Scheme of heating steam." Summarised "John Steed examines the inside of our engine – I think he is of the gang of robbers. Sketches [within the text] and ideas concerning the superheating of steam in answer to Watt's remarks."*
- 37.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 25 Aug. 1781.  
*Docketed "About Mr. Ewer's schemes." Summarised "Concerning Mr. Ewer's invention. Boulton with him. Sends sketch [within the text] of his engine to Watt. Does not care for it."*
- 38.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 27 Aug. 1781.  
*Docketed "About an engine intended to drive a corn mill at London." Summarised "London does not suit Mr. Boulton, therefore he must return before finishing business. Corn mill engines wanted. Steed has one and us the other. Speaks of the elliptical motion and equalizing machine."*
- 39.** Letter. Matthew Boulton (Birmingham) to James Watt (Cusgarne). 1 Sep. 1781.  
*Docketed "Return from London." Summarised "Two caveats entered against engine by Ewer and another ? Hornblower. Watt to lie still with his scheme about gases. Likes and wishes to push the equaliser and the expansive engine. In trouble with Fothergill and banker. About Arkwright's improved engine. Patents to be obtained."*
- 40a.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 4 Sep. 1781.  
*Enclosing (b) and (c) below. Docketed "About expansive engine. Enclosing letter from Mr. Matthews." Summarised "On equalising beams, Watt's notion of pump velocities. Boulton proposes to alter his proportions of pump work for the experimental engine. Would like Watt to collect money to enable him to face his bankers. Letter to Perier, pressing him and then asking for money."*
- b.** Letter. William Matthews (6 Green Lettice Lane, London) to Matthew Boulton [Soho]. 28 Aug. 1781.
- c.** Letter. William Matthews (—) to Matthew Boulton [Soho]. 1 Sep. 1781.
- 41.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 6 Sep. 1781.  
*On the same sheet:*  
Transcript of letter. Matthew Boulton (Soho) to Thomas Williams. 20 Aug. 1781.  
Transcript of letter. Thomas Williams (Llanidan, Anglesey) to Matthew Boulton. 29 Aug. 1781.  
*Docketed "Letters to and from Mr. Williams and about Mr. Morris' engine." Summarised "Letters concerning the Anglesey Copper Co. Trial of Watt's early inventions. Mentions Hornblowers and Henderson. About the engine for Wales. Has visited a large rolling mill at Coalbrookdale."*

- 42a.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 11 Sep. 1781.  
*Enclosing (b) below.*  
*Docketed "Drawings of new work shop." Summarised "Makes experiments upon equalisers. Cannot see why one cylinder cannot be more economical than two, if double the length. Sends sketch of water course at Soho for Watt to study, re. the erecting of engine shops on Boulton's land, not Boulton & Fothergill's. About Colclough's engine." Enclosing (b) below.*
- b.** Sketch plan of proposed new engine workshops at Soho Manufactory.
- 43.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 13 Sep. 1781.  
*On the same sheet:*  
Memorandum of goods sent from Soho to care of Prichard & Barlow, 31 Aug. 1781.  
*Docketed "Invoice of counters, barometers and steam gauges. Dimensions of Soho engine." Summarised "Bill for counters, steam gauges and barometers. Other models to make. Expansive engine will compress air. Gives size of Soho engine and pump. Concerning Yatestooop engine, also Ireland. Fothergill v. Boulton. Wilkinson's forge. Harper's Hill."*
- 44.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 16 Sep. 1781.  
*Summarised "Bills paid. About a new metal with the Anglesey ore. Boulton's remarks. Troubled with the Hornblowers. Fothergill keeps out of his way. About Chelsea and Shadwell agreements. Re. the sale of copying presses. Experiments upon the engine at Soho. Watt should write the history of his engine and publish it in all the controversial papers, that they may know he is the true inventor."*
- 45.** Letter. Matthew Boulton (Soho) to James Watt (—). 25 Sep. 1781. 2 sheets.  
*Marked "Derbyshire and Yorkshire."*
- 46.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 27 Sep. 1781.  
*On the same sheet:*  
Memorandum of pipes sent from Bradley for Poldice mine.  
*Docketed "Account of Poldice pumps and of experiments on little engine." Summarised "List of pipes and other work. Proposes to publish in the Bristol paper an account of engine. About expansion. Trials with the equaliser. Wages for an erector. The new shops at Soho are begun, cost £131. Expansion now the fashion."*
- 47.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 2 Oct. 1781.  
*On the same sheet:*  
Transcript of memorandum. Insurance on cast iron pumps per the *Portreath Trader*, Bristol to Portreath.  
Transcript of letter. J. Motteux & Co. (London) to Boulton & Watt. 27 Sep. 1781.  
Transcript of letter. James Spedding (Whitehaven) to Richard Dearman. 27 Sep. 1781.  
*Docketed "Copy James Spedding's letter." Summarised "Insurance accounts. Concerning bad iron and Spedding's letter thereon. Watt requires drawing paper. Watt's bellows scheme will do. Gives expansion and other power diagrams combined. Another engine wanted, and proposes to apply it to the equalising beams."*
- 48.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 6 Oct. 1781.  
*Summarised "Boulton with his bankers. Concerning the copying press and failure of its ink to copy. Has an application for corn mill engine."*
- 49.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 9 Oct. 1781. 2 sheets.  
*Summarised "Boulton with the lawyer concerning patents. Valuable information during conversation. We should bring up a youth to assist us, will sound young Southern. About his banker. Irish business."*

- 50.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 12 Oct. 1781.  
*Docketed "About Mr. Drake's engine."  
 Summarised "Thinks the Soho little engine suffered in the fire. Shadwell works well. About the free use of a crank. Little engines required, could sell many if designed. With Fothergill and family."*
- 51.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 13 Oct. 1781.  
*Summarised "Desires Watt not to trouble about other people and to either swear damnably or laugh. About drawing for Irish patent. Hornblower's specification not delivered. Fothergill grows foolisher. To settle and close Boulton & Fothergill account. From Fs and Ks good Lord deliver us."*
- 52a.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 16 Oct. 1781.  
*Enclosing (b) below. On the same sheet:  
 Transcript of letter. Richard Dearman (Birmingham) to Matthew Boulton (—). 10 Oct. 1781.  
 Transcript of letter. P. Colclough (Anvill) to Matthew Boulton (London). Not dated.  
 Docketed "Mr. Drake's plan. Copies – Mr. Dearman about subterraneous engine and Mr. Colclough's 2<sup>nd</sup> letter."  
 Summarised "Mentions Murdock and Bouge. About Mr. Drake's water supply. Enclosed is a very neat sketch of Boulton's. About the rascally Sohoites. Copies of Irish letter about Colclough's engine, also about subterranean engine."*
- b.** Sketch (press copy). Matthew Boulton's proposals for a pumping engine, wells etc. for Mr. Drake.  
*Titled "Drake Esq., at Hamesham, 11 miles from Uxbridge."*
- 53.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 23 Oct. 1781.  
*Summarised "Boulton goes on with the double cylinder engine. Pleased to hear Hornblower uses steam to press down the piston. Could not Henderson make Colclough's drawings. Boulton and Fothergill at variance, William Matthews to be arbitrator. Playfair severs his connection with us. Mentions several youths etc. suitable for draughtsmen and recommends bringing one up to the profession."*
- 54.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 27 Oct. 1781.  
*On the same sheet:  
 Memorandum of insurance for goods on the Mary, Bristol to Portreath. 25 Oct. 1781.  
 Summarised "Concerning copying ink. Disputes with Copper Co. Trials at Soho with Protius. Boulton hopes to rid himself from slavery and Fothergill. His case is sound. Trials at Soho to be made."*
- 55.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 30 Oct. 1781.  
*Summarised "A large stock of ink powder. The double engine ready to erect. Playfair is going to roll silver spoons. Watt must relieve himself of drawing and have two draughtsmen. Re. Colclough's engine. When the time of 4 months is up he will obtain Hornblower's specification. Wasbrough dead. Remark of (injustice) Boulton's concerning his dissolution of partnership with Fothergill and about Fothergill's unkind behaviour. The new shop is built up to wall plate."*
- 56.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 1 Nov. 1781.  
*Summarised "Boulton intends dissolving partnership. About money matters in relation to Fothergill, and the one-wheel clock, and his other partners. Fothergill lies. Accounts of the money possessed by both parties. About scales and weights."*
- 57.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 3 Nov. 1781.  
*Summarised "About Fothergill's lies. Boulton intends taking in partners, mentions their names. Watt's patent passed the seal. Hornblower's specification not enrolled. Yatestooop mine drawings by Southern – he will certainly be useful, if he will agree to terms. About crank, expansion engine and corn mill engines."*

**58.** Letter. Matthew Boulton (Soho) to James Watt (—). 13 Nov. 1781.  
*Summarised "About winding up of Boulton & Fothergill's affairs and Boulton's generosity towards him. Playfair upon patent drawings. Thinks Hornblower's two-cylinder engine comes about through Boulton mentioning it to Wilson about two years ago that had this scheme in reserve when the mines were so deep as to load the single cylinder too much, thereby enabling you to use second-hand steam. About the two-cylinder model. Boulton's sketch of a boiler [within the text], also other useful information."*

**59.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 17 Nov. 1781.  
*Docketed "Dimensions of Wheel Crenver cylinder." Summarised "About drawing and model of the pipe condenser. Also the introduction of steam in the piston, may keep the atmosphere from cooling. Will have his business settled and can then devote time to engine trade. Perier never mentions Watt in France – takes all the honour."*

**60.** Letter. Matthew Boulton (Soho) to James Watt (—). 20 Nov. 1781.  
*Summarised "Desires Watt not to fear the Hornblowers' impudence and insensibility to honour. Gives the outline of action to take. Will soon be in Cornwall. Henderson and the Irish engines."*

**61.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 25 Dec. 1781.  
*Summarised "Boulton visits Bath to see engines Hornblowers have erected. The double cylinder will be at Radstock. Saw one pumping water and grinding corn by means of a crank. About the Irish patent. Perier says that our patent is not valid in France and that they will not pay."*

**62.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 29 Dec. 1781.  
*Docketed "On his arrival at Soho." Summarised "About Henderson and his conduct, and Peggy. Re. drawings of engines for specification. About the equaliser being placed underground and the working of pumps by cranks. Sketch of the elliptic [within the text] worked by a sector off the great beam."*

### **3/6 Letters to James Watt, 1782 (47 items)**

**1.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 6 Jan. 1782.  
*Mis-dated by Matthew Boulton as 1781.  
Summarised "Henderson to leave Cornwall. Boulton troubled with Fothergillian plagues. Concerning Hooper's mill and the size of engine. Sends specification and drawings for Watt to correct."*

**2.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 9 Jan. 1782. 2 sheets.  
*On the first sheet:  
Transcript of letter. John Turner (Bersham) to Matthew Boulton [Soho]. 7 Jan. 1782.  
Summarised "About Fothergill and Boulton's conduct and allowances. Thinks the sun and planet motion should be included in specification (first mention of S & P). Ketley engine at work. Will cast nozzles ourselves. Likes Watt's scheme for making all working parts of tempered steel and cutting out of teeth by machinery. Boulton's water wheel. About patents and drawings. Boiler burst, miners ill treat the erector. About Colclough's engine and Hooper's and Wilkinson's."*

**3a.** Letter. Logan Henderson (Plain an Gwarry) to James Watt (Cusgarne). "Saturday morning" [12 Jan. 1782?]

*Kept with (b) below. On the same sheet:*

Memorandum by Matthew Boulton on Mr. Hooper's mill.

**b.** Memorandum. Items Matthew Boulton wishes Logan Henderson to bring back from Cornwall.  
*With notes and a rough sketch of Mr. Hooper's mill on the other side. Passed by Henderson to James Watt.*

**4.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 13 Jan. 1782.

*Mis-dated by Boulton as 1781.*

*Docketed "The revolving motion." Summarised "Valuable information re. sun and planet motion, with Boulton's sketch [within the text]. Boulton calculates the dimensions of a fly wheel. Concerning the crank and tube condenser. Watt's discovery of acid of galls and sugar, and other remarks. Re. Mr. Keir."*

**5.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 18 Jan. 1782.  
*Summarised "Concerning the sun and planet motion and its application to corn mills. Henderson intends to build a house near Soho."*

**6a.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 19 Jan. 1782.  
*Enclosing (b) below.*  
*Docketed "Sir J. Louthier. Coal engine by revolver." Summarised "Watt's last motion (S & P) Boulton's favourite. With Sir James Louthier. Have killed robins with fixable air. James and Matthew are making a model of Savery's engine. I have given them Henderson's water wheel model and they are trying it on the Duck Pond. Boulton's sketch [within the text & enclosed] of the application of a sun and planet motion for coal winding engines, with his remarks."*

**b.** Press copy of Boulton's sketch.

**7a.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 22 Jan. 1782.  
*Enclosing (b) below.*  
*Docketed "Coal engine by elliptic." Summarised "Boulton troubled at Henderson wasting his time. The rotative specification passed the seal. Watt's drawing will do. Likes his idea of working up and down and with a fly wheel. Prefers the S&P motion. Gives his sketch [within the text & enclosed] of an eclipse arrangement. Fire at Woodmason's and concerning the loss to the Copying Co."*

**b.** Press copy of Boulton's sketch.

**8.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 4 Feb. 1782. 2 sheets.  
*Docketed "About Mr. Fothergill and reciprocating fly engine."*  
*Summarised "Lengthy correspondence about Boulton and Fothergill's business relationship. Concerning Soho workmen. The new canal scheme. Salmon asks us to refuse making his neighbour an engine. The up & down engine and Hornblowers. The advantage of circular over oval wheels. Watt to boast about inventing the double cylinder engine. Sketch by Boulton [within the text]."*

**9.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 9 Feb. 1782.  
*Docketed "With abstract of his answers to Mr. F." Summarised "Damage to copying presses by fire etc. About winding engines. Has made a wheel of ecliptick. New engine cheaper than old. Concerning the distribution of erectors and workmen. Lord Mahon requires an engine. Enclosed are Boulton's valuable remarks concerning his private business position." The enclosure is now wanting.*

**10.** Letter. Matthew Boulton (Soho) to James Watt (—). 14 Feb. 1782.  
*Docketed "Offer of resigning the cash to my care." Summarised "Permanent elastic vapour of the London visitor. Walker refuses cylinders. The partners in the engine trade and Boulton and Fothergill's disputes. Books to be examined. Boulton offers all the engine trade profit to assist Watt in clearing up his debts. He will have to trudge uphill most of his life."*

**11.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 19 Feb. 1782.  
*Summarised "Concerning specification drawings. Boulton with Lord Dartmouth re. the new canal branches. Expansive principles give the maximum power of the steam. Should make models of equalisers (re. many cylinders). With Lord Mahon. If Boulton enters into fresh partnership with Fothergill it will be from year to year and will permit him to devote all his time to engine business."*

- 12.** Letter. Matthew Boulton (London) to James Watt (—). 23 Feb. 1782.  
*Summarised “Boulton’s ‘trial’ of two days ended, is acquitted of all wrongdoings with Fothergill. Has seen specifications of patents properly entered. Irish patent gone to Ireland for the seal.”*
- 13.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 26 Feb. 1782.  
*Summarised “Concerning the settling of Boulton and Fothergill’s partnership, and the sums of and the arrangements agreed to, also the amount of Fothergill’s debt, with Boulton’s remarks.”*
- 14a.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 28 Feb. 1782.  
*Enclosing (b) below.*  
*Docketed “Messrs. Garbett and Foreman’s award.” Summarised “Difficulties which prevent the settling of Boulton and Fothergill’s agreement. Would rather be troubled with mechanical movements. We had better assist the miners than go against them. Perier over from France to steal all the ideas he can. Concerning John Wilkinson and the copper trade. Enclosed is Foreman and Garbett’s award re. Boulton and Fothergill.”*
- b.** Transcript of memorandum. Resolution of meeting of Messrs. Vere, Foreman and Garbett “as mutual friends of Messrs. Boulton & Fothergill.” London, 23 Feb. 1782.
- 15.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 7 Mar. 1782.  
*Docketed “About abatement to United Mines.”*  
*Summarised “Boulton with Ambassador and others from abroad. The declining state of United Mines, Cornwall – their wasteful ways, do not care to abate our claims. Watt makes his patents too expensive. Boulton has a key of a mountain against the Cornish copper trade.”*
- 16.** Letter. Matthew Boulton (London) to James Watt (Cusgarne). 9 Mar. 1782.  
*Summarised “Copies of patents being made in Birmingham for Cornwall. Hears the United Mines have stopped working. The price for little engines. Mylne wants an engine. With Smeaton, who has erected a forge on the River Don, Yorkshire. Boulton sad over his business with Fothergill, he is tyrannized over and nearly broken down in spirits. Matthews to assist him.”*
- 17.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 12 Mar. 1782.  
*Summarised “Boulton with Low Vere Williams concerning Boulton and Fothergill’s affairs and his strong remarks thereon. The Lunar Society dine with him. Playfair seduces Wilson the dyesinker, modeller and draughtsman. Sends drawings by a carpenter. Concerning bank failures. Workmen found drunk. Bog engine removed.”*
- 18.** Letter. Matthew Boulton (Soho) to James Watt (—). 21 Mar. 1782.  
*Summarised “Boulton with Baron Reden and co., Perier, Wilkinson. Visits forges around Wolverhampton. About Dr. Priestley’s inventions of metal and sulphur. List of engines erected out of Cornwall. Remarks upon Boulton & Fothergill’s business. Sketch [within the text] of the Hartz pump rods.”*
- 19.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 26 Mar. 1782.  
*Summarised “Replies to Watt’s remarks to keep good spirits. The copper trade. When Cornwall fails we must go in for mills. Bad state of men in smiths’ shop. No money coming in. Hall the erector working for other firms. Watt not to leave Cornwall, it will leave the enemy in full command. Wish the Radstock engine would start then we should know how to act.”*
- 20.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 27 Mar. 1782.  
*Summarised “Boulton considers it proper for Watt to return from Cornwall, to accelerate the specification business and the experiments on the two small Soho engines, to counteract the designs of their enemies.”*
- 21.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 2 Apr. 1782.  
*Docketed “About United Mines and Wheal Virgin.” Summarised “Boulton complains of Watt’s*

*orders re. payment of moneys. Will borrow till Russia pays her debts. Knows people in Cornwall who open their letters. Boulton's ideas of assisting old mines to continue through bad days. Dispatches a man to watch the new engine of Hornblower's. If they use our engine they cannot thereby hurt us, if they do we must go to law."*

**22.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 3 Apr. 1782.  
*Docketed "Proposal for regular method of compounding with losing mines."  
Summarised "Boulton's dealing with the Cornish mine adventurers when the mines are losing. Fothergill calls to see Boulton, who refuses to see him."*

**23.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 6 Apr. 1782.  
*Boulton completed this letter on 10 Apr. Docketed "Enclosing one from Mr. Fenton."  
Summarised "Re. the losing mines. Boulton not competent to fight all Cornwall. Trouble with workmen and prices of nozzles. Mr. Fenton's letter and affairs about copper trade. Dirty state of engines. Nozzles to be ground on top by a leaden lap, also drill to be turned by mill power."*

**24.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 13 Apr. 1782.  
*Summarised "With Mr. Fastre, who requires engines for Vedrin – accompanies him to Coalbrookdale. Concerning the rating of engines for mine during the bad times. JH's report upon Hornblower's engine at Radstock, and will make sketches for Watt – most parts like ours."*

**25.** Letter. Matthew Boulton (Soho) to James Watt (Cusgarne). 19 Apr. 1782.  
*Letter re-directed to Watt in Birmingham. Summarised "Boulton proposes copper wire for joints. Trouble with men in smiths' shop. Thinks some of the work can be done by machinery. Wilkinson makes an engine for France, Boulton annoyed thereby. List of inventions to patent."*

**26.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 23 Sep. 1782.  
*Docketed "His arrival in Cornwall." Summarised "Boulton's arrival in Cornwall. Messrs. Hornblower offer to alter our engines in Cornwall to their system at slight costs. Boulton in great trouble and hardly knows how to act. Thinks the engine at Radstock should be stopped."*

**27.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 25 Sep. 1782. 2 sheets. *Boulton completed this letter on 26 Sep. Summarised "Concerning Hornblowers' offers to the Cornish mine adventurers and their engine at Radstock. Mentions Murdock."*

**28.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 28 Sep. 1782.  
*The address and docket are on a separate sheet. Docketed "Wheal Virgin account." Summarised "Urges the completion of the expansive rotative engine. Boulton attends a meeting of mine adventurers with Hornblowers, gains information, gives none himself and acts very cautiously."*

**29.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 30 Sep. 1782.  
*Summarised "Speaks very highly of Murdock's industry. Remarks upon Hornblowers' principles. Boulton gives ideas of improved pump work. Thinks Smeaton should be called to Soho to examine all the schemes of Watt, and then we can form an idea if a law suit can be commenced."*

**30.** Letter. Matthew Boulton (Whitehall, Chacewater) to James Watt (Harper's Hill). 7 Oct. 1782.  
*Docketed "The crushing of the tubes of Ale & Cakes boiler." Summarised "Accident with Ale & Cakes boiler. Boulton attends Gwennap church. Hornblowers tubular metallic cold surface would not answer (they made it of lead) – put in lieu thereof a copper diaphragm, called a splash pan. If we proceed it must be for pressing with steam a piston. (Shorthand first noticed.)"*

**31.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 10 Oct. 1782.  
*Docketed "Trevascus Account." Summarised "Boulton abused by Capt. Halse, he makes no reply. About Hornblowers and their engine. Mentions Murdock. Boulton hurries the signing of documents. Attends meetings of mine adventurers. Thinks the up & down rotative engine four times better than Hornblowers', and the ne plus ultra of steam engines."*

**32.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 12 Oct. 1782.  
*Summarised "Concerning the course to pursue against Hornblowers. Pleased Smeaton is coming to Soho, should show him and gather from him his ideas of your invention before letting him know of our intended law suit."*

**33.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 17 Oct. 1782.  
*Docketed "Buying of Mr. Harris' shares of Poldice." Summarised "Truro will always be the mining capital. Sir Frederick Bassett thanks for the pair of vases. About business with the adventurers and buying of shares, and concerning the keeping on of the mine, also the adverse balance. Pleased to here Smeaton's visit was a pleasant one."*

**34.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 19 Oct. 1782.  
*Summarised "Boulton calculates the quantity of coals and steam the Hornblowers' engine consumes, and compares it with Watt's. The little cylinder is filled with steam each stroke. Does not think the splash plate in condenser an infringement."*

**35.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 24 Oct. 1782.  
*Extensive shorthand on the outside of the letter. Part of the letter has been cut away. Summarised "Boulton considers it necessary to publish Watt's invention in the Bristol papers and gives the outlines, under five headings. Mentions Newcomen of Dartmouth. Hornblowers say it is no matter how the steam is used, whether on a piston or otherwise. Meets Mr. Townsend. Miscellaneous affairs in Cornwall."*

**36.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 28 Oct. 1782.  
*Summarised "Boulton sees an opening to make the Radstock gentlemen our friends. Smoke from the boilers at different mines. The Hornblowers are going down, down with them to the Devil. Thinks the advertisement should appear in the Bristol papers."*

**37.** Letter. Matthew Boulton (Cusgarne) to James Watt (Soho). 2 Nov. 1782.  
*Summarised "About Ale & Cakes boiler. Boulton complains of being pent up. Boulton's sketch [within the text] of a double acting pump, and proposes up & down engines, and the pump rods to force water, and not to have such large masses in motion. Murdock mentioned. Want £500 pounds off us for Wheal Busy."*

**38.** Letter. Matthew Boulton (Cusgarne) to James Watt (Soho). 4 Nov. 1782.  
*Summarised "About Radstock engine. Money wanted for continuing Wheal Busy. With Mr. Fenton. Boulton's list of headings for a monthly book [and has sent engine statistics]. The duty of three engines. Henderson and his damned curious disposition. The Coalbrookdale engine will not bring much money. Ale & Cakes paid us 80 guineas per month."*

**39.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 7 Nov. 1782.  
*Summarised "Boulton loses himself in his way home at night, upon the Cornish wastes. Boulton & Watt, Wilkinson and Wedgwood propose taking shares in Polgooth mine."*

**40.** Letter. Matthew Boulton (St. Austell) to James Watt (—). 11 Nov. 1782.  
*On the same sheet:  
Memorandum. List of the shareholders and adventurers in Polgooth mine.  
Docketed "List of Polgooth adventurers." Summarised "The erectors finishing their work, Mure [Muir], Pierson [Pearson] and Murdock will stay. Hornblowers propose erecting an engine at Wheal Unity. The Captains imagine the Hornblowers will be chief engineers to Cornwall, therefore treat us with insolence. List of Polgooth adventurers."*

**41.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 13 Nov. 1782.  
*Boulton completed this letter on 14 Nov.*  
*Summarised "Introduces Mr. Martyn. Boulton wishes he could attend all the meetings to flank the Hornblowers. Cornishmen love their country without one exception. Poldice trial – 21,783,244 pounds raised 1 foot. Murdock saves Poldory engine."*

**42.** Letter. Matthew Boulton (Cusgarne) to James Watt (Newhall, Birmingham). 16 Nov. 1782.  
*Summarised "Lawyer Rashley speaks in our favour at a meeting and condemns the introduction of Hornblower's engine. Soho experiment gives 350,000,000. About mine affairs. Complains of the position of Cusgarne House and speaks highly of another in a better position offered by Count Warren."*

**43.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 28 Nov. 1782.  
*Summarised "Watt visits the Radstock engine. Boulton proposes to give Murdock a better position and let him keep a house. Boulton is ill. Sees little of Murdock for he has so much to do, amongst so many strange engine men."*

**44.** Letter. Matthew Boulton (Hayle Copper House) to James Watt (Newhall, Birmingham). 2 Dec. 1782.  
*Summarised "All the 5 engines at work at Wheal Virgin. Boulton's horse falls and hurts his back. Concerning power for grinding corn. If Hornblowers start their engine again we must prosecute them."*

**45.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 5 Dec. 1782. 2 sheets.  
*Summarised "Boulton rides 10 miles out of his way, is very ill and faints away. With Murdock who is a valuable man. Re. pump rods and balance bobs. Cornwall going to petition Parliament for to rid them of Boulton & Watt. Boulton still presses Watt to get on with the up & down engine. Our people will not mix with Trepol and Pen's. Bottoms of cylinders are colder than the tops."*

**46.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 7 Dec. 1782.

**47.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 12 Dec. 1782.  
*Summarised "Chesterfield or Derbyshire leather for clacks and buckets. Safety gear to be applied. Accident at East Wheal Maid. Murdock appointed chief of the mines engines. Hornblower in the Co. Money affairs. Boulton prepares to return to Soho. Prospect of an engine for drainage purposes. Murdock well liked in the county."*

### **3/7 Letters to James Watt, 1783 (26 items)**

**1.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 11 Feb. 1783.  
*Summarised "Must settle what kind of rotative motion to apply to the up and down. Prefers long cylinders, short ones may do for little engines. About corn mill and engines wanted for them. West Ham Water Works. Concerning the non-payment of the Paris Water Works account. Radstock colliery belongs to Lord Walgrave. Ireland expects much from Lieut. Logan Henderson."*

**2.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 14 Feb. 1783.  
*Summarised "Shadwell Water Works Co. require a new engine. Received Perrier's account. Wilkinson has engine lying at Bersham for Perrier to be erected at St. Domingo. Put not your trust in founders. Shadwell ask if the accounts of Hornblower's engine are true."*

**3a.** Letter. Matthew Boulton (London) to James Watt (—). 15 Feb. 1783.  
*Enclosing (b) below.*  
*Summarised "Trouble with workman Robert Cameron. Mr. Jones requires engines for sugar plantation. Boulton's remarks upon Watt's specification and tests its soundness. Shadwell new engine. Sends Irish newspaper about A. & P. Colclough's engine." The summary is attached to (b) below.*

- b.** Letter. Matthew Boulton (London) to John Buchanan (Soho). 15 Feb. 1783.  
*Summarised "Boulton's letter to John Buchanan about Robert Cameron's trial of an engine adverse to Mr. Watt's notions, and Boulton wishes him to go to the West Indies."*
- 4.** Letter. Matthew Boulton (London) to James Watt (—). 23 Feb. 1783. 2 sheets.  
*Summarised "Boulton & Watt refuse to assist the Captain against the Adventurers. Birmingham people petition against the exportation of brass. Engines wanted for mills. Boulton's sketches [within the text] and remarks. Remarks upon Watt's specification and his workman's new engine (Robert Cameron's). Van Liender hears of Hornblower's engine. Boulton urges for making rotatives speedily. Shadwell new engine."*
- 5.** Letter. Matthew Boulton (London) to James Watt (Newhall, Birmingham). 25 Feb. 1783.  
*Summarised "Lieut. Logan Henderson's conduct is most diabolical. Thinks he intends to start our trade in Ireland. Well will send Robert Cameron to frustrate him. Will have a Northern gentleman at Soho who is going to succeed Smeaton and everybody and everything else. Accounts of the English new ministry."*
- 6.** Letter. Matthew Boulton (—) to James Watt (Newhall, Birmingham). 28 Feb. 1783.  
*Docketed as 27 Feb. Summarised "New land for the Great Corn Mill. Engine required for Anglesey. In company with Lord Dartmouth. Smeaton taken up his abode in London for 4 months and is active in getting orders in his profession."*
- 7.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 16 Apr. 1783.  
*Summarised "Boulton's name has been published in the paper as inventor of the engine. Watt rather troubled thereby and Boulton will show him all letters etc. when he returns, for he does not require laurels but £.s.d."*
- 8.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 19 Apr. 1783.  
*Summarised "Stood godfather for a new mill at Caseorton. With owners of sugar plantation in Jamaica. Dines with one of the Blackfriars millers. Mentions having the order to erect a corn mill at Blackfriars Bridge. Mr. Fenton our first Cornish and Yorkshire customer. About Poldice. Boulton not so much the Spaniel dog to kiss the foot that kicked."*
- 9.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). "Saturday" [17 May 1783].  
*Docketed as 18 May, which was a Sunday. Summarised "Boulton requests Watt to send him a list of the taxes on the Cornish miners, i.e. such expenses as would be saved if the mine was at the surface. Cannot persuade Robert Cameron he was not ill used by us. The above is for Boulton when on the copper question at the Bar of House of Commons."*
- 10.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 19 May 1783.  
*Summarised "Anglesey v. Cornwall upon coal. Mr. Myle visits Anglesey for Sir F. Bassett and speaks before the House of Commons, saying if it was not for Mr. Watt's engines, they would not be troubled with the dispute, but as the engines were becoming numerous, they might guess why the duty was wanted off the coal."*
- 11.** Letter. Matthew Boulton (London) to James Watt (—). "Monday night" [19 May 1783].  
*Docketed as 20 May, which was a Tuesday. Summarised "Anglesey v. Cornwall. Boulton requests Soho to send him the cost of coals at the Cornish mines. He is at the House of Commons."*
- 12.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 24 May 1783.  
*Summarised "Boulton to give evidence at the Bar of the House of Commons, concerning the taxes and expenses attending the working of mines. The brass question is folly and madness. Letter to Robert Cameron, will have no connection with him whatever."*
- 13.** Letter. Matthew Boulton (London) to James Watt (Birmingham). "Wednesday night" 28 May 1783.  
*Summarised "Boulton returns home from the House of Commons – the evidence and results*

of the meeting. Robert Cameron offers his engine cheap. Boulton with sugar planters. Will frustrate Robert Cameron.”

**14.** Letter. Matthew Boulton (London) to James Watt (—). 31 May 1783.  
*Docketed “Account of payment made to Low Vere & Williams.” Summarised “We shall carry our point with Cornwall v. Anglesey, and remarks thereon. About Robert Cameron and his offers to Newcastle collieries. Mining not profitable. Boulton prevented from returning home as he is wanted again at the House of Commons.”*

**15.** Letter. Matthew Boulton (Dublin) to James Watt (Birmingham). 27 Aug. 1783.  
*Summarised “Boulton’s arrival at Dublin. Visits several mines upon his way. Has a sick voyage.”*

**16.** Letter. Matthew Boulton (Dublin) to James Watt (Birmingham). 1 Sep. 1783.  
*Boulton completed this letter on 2 Sep. Summarised “Boulton with Lord Arran at his lodgings – 132 Mr. Bull’s, Capel Street. Visits a friend who through his great skill became bankrupt. This is a violent country. About the value of patents and how parliament affects them. Several pieces of information about Ireland with Boulton’s remarks.”*

**17.** Letter. Matthew Boulton (Dublin) to James Watt (—). 17 Sep. 1783. 2 sheets.  
*Summarised “Boulton visits P. & A. Colclough and their engine. Lengthy remarks upon the value of mines etc. Is in company with many eminent persons. Checks the bad feelings wrought by Lieut. Henderson.”*

**18.** Letter. Matthew Boulton (Stranraer) to James Watt (Birmingham). 8 Oct. 1783.  
*Summarised “Boulton returns from Ireland to Scotland. Thinks his visit has done us great service, and that money can be made there. He has been well received by the chief men of Ireland.”*

**19a.** Letter. Matthew Boulton (Dumfries) to James Watt (—). 9 Oct. 1783.  
*Enclosing (b) and (c) below. Summarised “Boulton encloses the newspaper about his puff in the Irish paper, and draft of his answer to David Melvill, endeavouring to quiet that gentleman. Also Mr. Henderson’s letter concerning the above. Boulton considered the advertisement to unfairly expose his character as a great quack.”*

**b.** Draft of letter. Matthew Boulton (Dublin) to David Melvill (—). 25 Sep. 1783.

**c.** Letter. Logan Henderson (Dublin) to Matthew Boulton (—). 28 Sep. 1783.

**20.** Letter. Matthew Boulton (Carron) to James Watt (Birmingham). 16 Oct. 1783.  
*Docketed as 18 Oct. Summarised “Boulton in company with eminent gentlemen in Scotland – Dr. Black, Dr. Ferguson, Sir Thomas Dundas, Dr. Roebuck, Lord Dondonnal etc. Visits Mr. Sandeman’s bleach field. There will be a total change in the Carron ministry.”*

**21.** Letter. Matthew Boulton (Carron) to James Watt (Birmingham). 28 Oct. 1783.  
*Summarised “Boulton approves of Watt buying Cornish shares. Will not inform Hornblowers when we shall proceed against them. Boulton’s views upon cotton mill engines for Manchester. Boulton visits many friends of Watt and wishes Mrs. Watt to hear her father, mother and sisters are well. Re. business at Carron.”*

**22.** Letter. Matthew Boulton (Edinburgh) to James Watt (—). 8 Nov. 1783.  
*Summarised “Boulton detained in Scotland to attend to the Carron affairs, when the fate of that company will be finally settled.”*

**23.** Letter. Matthew Boulton (Edinburgh) to James Watt (Birmingham). 17 Nov. 1783.  
*Mis-docketed as 8 Nov. Summarised “Boulton speaks of the hospitality of the Scotch people. With Dr. Black and Dr. Hutton, Dr. Cullin, Dr. Hope, Dr. Schwediaur, Dr. Cooper, Dr. Walker, Dr. Gregory, Adam Smith, Prof. Robinson, Prof. Ferguson, Lord President, Lord Braksfield and Lord Elliock (Lords of Sessions), Duke and Duchess of Bucclough, Duke of Montague, Sir T. Dundas, Lady Hopton and many others.”*

**24.** Letter. Matthew Boulton (Newcastle) to James Watt (Birmingham). 23 Nov. 1783.  
*With shorthand notes on the outside of the letter.*  
*Summarised "Boulton visits Newcastle. Sorry N. Down is going to work, as I fear the copper trade will be over-done. Always endeavours to cultivate acquaintance with his children by every means in his power, so refuses Watt's visit at Christmas."*

**25.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 19 Dec. 1783.  
*Summarised "Perrier will pay, at least he says so. Boulton arrives in London, will see to the patents. Mr. Mylne very kind in setting out the ground for the Albion Mill. We have got another partner who is a man of large fortune, but wants an establishment for one of his sons."*

**26.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 22 Dec. 1783.  
*Summarised "Mr. Richmond's new scheme and his let-down. Concerning the Albion Mill building. About the Cornish mine affairs. Williams of Anglesey revengeful. Knows no more about patents and has not heard of Henderson or Cameron."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 200**

**3/8 Letters to James Watt, 1784 (36 items)**

1. Letter. Matthew Boulton (Soho) to James Watt (at John Wilkinson's, Bersham). 21 Apr. 1784.  
*Summarised "Concerning Goodwyn's engine. Should get small cylinders cast – 15 inches to 18 inches. Our opponents have entered a caveat against our charter. The opposition seems to increase their resolution."*
2. Letter. Matthew Boulton (London) to James Watt (Birmingham). 7 May 1784.  
*On the same sheet:*  
Letter. Henry Goodwyn (London) to James Watt (Birmingham). 7 May 1784.  
*Summarised "Mr. Goodwyn's letter. Lengthy remarks upon the Albion Mill business. Caveat entered against Watt's patent by David Ritz."*
3. Letter. Matthew Boulton (London) to James Watt (Birmingham). 13 May 1784.  
*Docketed "Mr. Kempelen's machine." Summarised "Boulton considers it impossible to obtain a charter for the Albion Mill. With Kempelin and gives a sketch [in the text] of his steam engine. Concerning engines for France. Polgooth 1/64 = £1000. Mentions Priestley."*
4. Letter. Matthew Boulton (Exeter) to James Watt (Harper's Hill). "Sunday Morning" [13 Jun. 1784].  
*Summarised "Boulton visits Radstock and inspects the engine. Gives his opinion as to the manner of procedure against this infringement of our rights."*
5. Letter. Matthew Boulton (Whitehall, Chacewater) to James Watt (Birmingham). 17 Jun. 1784.  
*Docketed "On his arrival in Cornwall." Summarised "Arrival in Cornwall. About Cornish business and when the mines shall start. Cameron is plaguing us here as much as Hornblowers ever did. Rasp is waiting in London to see the event of his engine."*
6. Letter. Matthew Boulton (Whitehall, Chacewater) to James Watt (Harper's Hill). 19 Jun. 1784.  
*On the same sheet:*  
Letter. Thomas Wilson (Chacewater) to James Watt (Harper's Hill). 19 Jun. 1784.  
*Docketed "About North Downs engines." Summarised "About the deeper sinking of the mines and the application of single acting cylinders that can be converted to double acting. Also a letter from Wilson."*
7. Letter. Matthew Boulton (Whitehall, Chacewater) to James Watt (Harper's Hill). 23 Jun. 1784.  
*Summarised "Rasp the assayer is waiting to see Cameron's engine set to work. Murdock alters engine and pump work from Watt's designs, Boulton thinks Watt's the best (Wheal Maid rotative engine). Murdock like Baskerville's philosopher, his new scheme (sketch). Rasp entered a Chancery suit. Boulton concerned about his son and daughter. Would like his son with him in Cornwall."*
8. Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 28 Jun. 1784.  
*Summarised "About Radstock engine. Thinks an action ought to be commenced, to convince the world that we shall adhere to our rights. Rotative gin work. Mr. Tomkins is going to do great things with the mines."*

**9a.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 30 Jun. 1784.

*Enclosing (b) below.*

*Summarised "Boulton urges Watt with the double engine. Chaffs Watt as a "Caldeonian". Would not like to see other engines in the country. Thinks £8500 will be cleared this year. Murdock is going to be married to Capt. Painter's daughter – she lives upon Polgooth mine. Watt's doubt's concerning the up & down."*

**b.** Memorandum. Resolutions agreed to at a meeting of North Downs adventurers. 29 Jun. 1784.

**10.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 8 Jul. 1784. 2 sheets. *The two sheets were sent separately.*

*Docketed "State of some mines and engines." Summarised "Boulton's remarks upon the great length of pump rods and the depth of mines under the sea, and also upon so many of the mines dying. Remarks upon the winding engine. Upon the life of timber beams and the cost. The planet wheel presses hard on the sun. 700 lbs. of lead put on the rod. Suggests the rods are made of iron for the future."*

**11.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 15 Jul. 1784.

*Summarised "[Capt. Magor] asks for abatement of license for Wheal Busy and Scorrier, afterwards resolves to have one of Hornblower's. Who shall we proceed against? Mr. Wilson proposes a scheme for taking the mine under new hands to prevent the Hornblowers erecting their engine. The little engine goes well. About 1000 people witnessed it."*

**12.** Letter. Matthew Boulton (Truro) to James Watt (Soho). 17 Jul. 1784.

*Summarised "Concerning Albion Mill. Watt's paradox is quite incomprehensible, getting rid of racks, sector, arch heads and chains will be acceptable. Speaks of pressing the piston with hot air. Has Wolf such ideas. Concerning the winding engine and trial of a new pit work and double engine which should be under Murdock's inspection."*

**13.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 22 Jul. 1784.

*Summarised "Sketches [in the text] and comments upon the design and working of the rotative whim engine. Boulton's scheme to stop Brown [i.e. William Murdock] and his carriage. Wants Watt to erect the double acting engine and test the piston rod. Hornblower picking the bones of Watt's specification. Lawson makes sections of the mines for the adventurers. Watt's endless rope. Wolf, trumpeters and wasp all ghosts."*

**14a.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 24 Jul. 1784.

*Enclosing (b) below.*

*Summarised "Catherine Phillips converses with Boulton upon the intended marriage of Scotchman James Lawson to Quaker Polly Williams. Lawson makes underground surveys and discovers many errors of Captains. Re. the mine affairs and the wish to erect Hornblower's engine., and the taking up of shares."*

**b.** Transcript of letter. Capt. John Magor (Chacewater Mine) to Chacewater Co. Committee (London). 15 Jul. 1784.

*Transcript made by M. R. Boulton.*

**15a.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 26 Jul. 1784.

*Enclosing (b) below. Summarised "Boulton gives a sketch of a new engine. Proposes Rennie should enquire for a Hornblower engine. Wish metal valves could be used instead of leather in pitwork. Mentions the name of lawyers for the impending law suit. About his children. Enclosed in a copy of Mr. Harris' letter."*

**b.** Letter. William Harris (Rosewarne) to Matthew Boulton (—). 24 Jul. 1784.

- 16.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 28 Jul. 1784.  
2 sheets. *Boulton completed this letter on 29 Jul.*  
*Summarised "Concerning the double engine and the whim with the power to drive the stamps. Propose to enter the action against Radstock Colliery, not Hornblowers, who will be supported by subscription. Smeaton should be paid £20 to visit Radstock and give a report and other remarks re. the expected trial."*
- 17.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 31 Jul. 1784.  
*Docketed "North Downs engines." Summarised "Concerning the shares in Cornish mines and the price to pay for license should be as the squares of the cylinder's diameter, not as the squares multiplied by the length of stroke."*
- 18.** Letter. Matthew Boulton (Cusgarne) to James Watt (Harper's Hill). 2 Aug. 1784.  
*Docketed as 22 Jul. Summarised "Mr. Fox gives to Boulton a copy of Hornblower's proceedings. The miners much in favour of double engines. Is English iron as good as Russian for boiler plates."*
- 19.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 5 Aug. 1784.  
*Summarised "Boulton examines the books [of Wheal Busy] and gives the gains per year. Has seen the Trumpeters' printed circular and remarks thereon. Hornblowers visit the whim engine. Watt to work well at his patents."*
- 20.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 6 Aug. 1784.  
*Boulton completed this letter continued on 7 Aug. Summarised "Concerning wheel carriages and whether the idea should be included in Watt's specification. Wicked Robert Moor is off. Concerning the mines and shares. Chacewater and Scorrier."*
- 21.** Letter. Matthew Boulton (Truro) to James Watt (—). 9 Aug. 1784.  
*Summarised "More men required in Cornwall for the repairing of Poldory, Poldice, Crane, Wheal Towan, Wheal Hawke, Scorrier and Chacewater and Pool."*
- 22.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 12 Aug. 1784.  
*Summarised "Monthly accounts fall short in £.s.d. The surveys of Lawson's very useful. Also the circumferator better than compass. Should engage Smeaton upon the Radstock affair even if we give him 100 guineas. The double engine will beat Hornblower's. Will write to Radstock to be permitted an inspection of the engine."*
- 23.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 19 Aug. 1784.  
*Summarised "Concerning the money matters of the mines. Would like to see Wheal Crane at work with the new scheme for balancing pump rod. About the marriage of Lawson and the wicked doings of Robert Moor."*
- 24.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 28 Aug. 1784.  
*Summarised "Boulton takes a share in Chacewater mine to prevent the mine closing. Concerning Wolf's engine. Pleased to hear Goodwyn's engine is gone. About the use of cement. About Colclough's payments and Drumglass engine."*
- 25.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 2 Sep. 1784.  
*Summarised "Concerning the expenses in the working of mines. Would like to see Soho principles adopted for payment. Mentions Rennie, and the water wheel at Soho. Will never gain by the plated trade at Soho till we roll the metal ourselves."*
- 26.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 9 Sep. 1784.  
*Summarised "Boulton accompanies the ladies about the county of Cornwall. Will consider his remarks and treaties about wheel carriages."*
- 27.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 13 Sep. 1784.  
*Summarised "Boulton attends a meeting at United Mines to conduct business. About the Albion Mill."*

- 28.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 18 Sep. 1784.  
*Summarised “Concerning the Irish patents. Re. the Albion Mill Co.’s affairs and Boulton’s distress thereat. Pool engine and mine will stop working and to be removed to another mine. Received drawings of the new 48 inch double engine.”*
- 29.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 20 Sep. 1784.  
*Summarised “Concerning the destruction of the pump work by the water. Re. the dues upon little engines. Murdock would not have taken shares if he had known of these dues, thinks £3 per month sufficient. Concerning Wolf’s engine and Watt to visit it. Best to have as few enemies as possible out of our own pupils.”*
- 30.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 25 Sep. 1784.  
*Summarised “Concerning the erection of the whim engine. Brown [i.e. William Murdock] idles away his time. Calculations. Costs and remarks upon the whim engine. Iron connecting rods would be best. Query if the Hornblowers have not got into Wales. I think of returning home by Swansea. Mentions Wasp, Wolf, Playfoul, Blair and co.”*
- 31.** Letter. Matthew Boulton (Cusgarne) to James Watt (6 Green Lettice Lane, London). 4 Oct. 1784.  
*Summarised “If Watt has anything to do or agreement to make with Wolf, please transport him to the Sweet Sugar Islands. Chiefly concerning the division of shares and the rich and poorness of the mines.”*
- 32.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 21 Oct. 1784.  
*Summarised “Boulton accused of sending spies to different works. Boulton attends a meeting and agrees with the Adventurers for reduced fees. Concerning the alterations to whim engine and the satisfactory results, also the increased quantity drawn.”*
- 33.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 28 Oct. 1784.  
*Summarised “Disputes concerning the price to pay for the power of engines at the Cornish mines. The whim engine at Crane goes well, have christened it the Racehorse. The Hornblowers have nearly finished the engine for Penryn. Rejoices the central motion does so well. Radstock engine is again at work.”*
- 34.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 30 Oct. 1784.  
*Summarised “The custom of Cornwall, upon deep mines, is to erect engines of such a size as to go half as deep again, i.e. if a mine was 40 fathoms below adit, then to erect an engine to go 60 fathoms and to begin with 2/3 of the power. 8 fathoms increases power 1 lb. per inch. Concerning the yearly income from engines. Hornblowers have nearly finished their engine.”*
- 35.** Letter. Matthew Boulton (Cusgarne) to James Watt (Birmingham). 4 Nov. 1784.  
*Summarised “Boulton corrects his mistake in his last letter. Have cut a very hard vein in Eastern Wheal Maid and a meeting will be called, to which I will attend and not return to Cusgarne. One of us must be in Cornwall six out of the 12 months. The Hornblowers will soon have the Penryn engine at work and we already feel the insult thereby. Concerning North Downs mine and the arrangement of the pump work and rods.”*
- 36.** Letter. Matthew Boulton (Cusgarne) to James Watt (—). 8 Nov. 1784. 2 sheets.  
*Summarised “Hallamanin adventurers require our advice. The adventurers of North Downs do not take advantage of Boulton’s mistake. He gives his rule for calculating the price for cylinders. Boulton thinks the yearly income from Cornwall will amount to £12,000 and gives details. Boulton speaks most highly of Murdock and mentions his wheel carriage. About the bargains he has made.”*

**3/9 Letters to James Watt, 1785 (30 items)**

- 1.** Letter. Matthew Boulton (London) to James Watt (Harper’s Hill). 15 Mar. 1785.  
*Summarised “Concerning the Irish business. Mentions Hornblower. Henderson offers his phosphoric trade.”*

2. Letter. Matthew Boulton (London) to James Watt (Birmingham). 17 Mar. 1785.  
*Summarised "Concerning the selling of tin and copper and the proposed tax thereon. Buchanan leaves the service. Boulton has a fall, coming from the House of Commons. Re. the business at the House of Commons. Low Vere and Williams. Chamber of Manufacturers gathers strength daily."*
3. Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 25 Mar. 1785.  
*Summarised "Concerning the Chamber of Manufacturers at the House of Commons. Boulton puts a stop to Lord George Gordon's speech. Boulton has another accident. Re. Chacewater mine. Mylne requires drawings. Engines wanted for Holland. The French have succeeded in copying Boulton & Watt engine. Won't get into another scrape like this."*
4. Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 31 Mar. 1785.  
*Summarised "The Chamber of Manufacturers gathers strength. Other information of its success. Wedgwood is gone, so I am perpetual Chairman. Watt's pamphlet sells well. Pitt mentioned. Wedgwood offers £300 to the fund."*
5. Letter. Matthew Boulton (London) to James Watt (—). 2 Apr. 1785.  
*Summarised "Boulton would like to return, but cannot till Wedgwood comes back, and must call upon the several gents mentioned. Other remarks about the Manufacturers business. Also the Irish business."*
6. Letter. Matthew Boulton (London) to James Watt (—). 13 Apr. 1785.  
*Summarised "About the Manufacturers' affairs. Wolf visits me. Matthews thinks it impudence and after arguing turns him out of the house. Can't tell what Wolf is after. Murdock thinks there is cunning going on. We must do something with Radstock. It would not be amiss to employ Radstock engineman."*
7. Letter. Matthew Boulton (London) to James Watt (Birmingham). 5 Jun. 1785.  
*Summarised "Boulton arrives at London – engaged with Vivian and Williams. Pray assist Garbett with petitions "for there is great hopes in the House of Lords." Watt to read several speeches."*
8. Letter. Matthew Boulton (London) to James Watt (—). 6 Jun. 1785.  
*Docketed "London – about C. Copper Company."  
Summarised "Concerning the affairs before Parliament. Also the Copper Co."*
9. Letter. Matthew Boulton (London) to James Watt (—). 10 Jun. 1785.  
*Summary note missing. Boulton's opinions on the Copper Co., copper trade and the Anglesey Company. Proposals for agreement with Williams.*
10. Letter. Matthew Boulton (London) to James Watt (—). 11 Jun. 1785.  
*Dated by Boulton as "Saturday 10 Jun.", but 10 Jun. was a Friday.  
Summarised "Watt to be in London to present himself before the Patent Committee. Re. the smokeless patent."*
11. Letter. Matthew Boulton (Truro) to James Watt (—). 18 Jul. 1785.  
*Summarised "Boulton's arrival in Cornwall. Cornish men in great trouble concerning the copper trade."*
12. Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 22 Jul. 1785.  
*Summarised "Remarks upon the disturbance in the copper trade. Large meetings and subscriptions. What had Boulton & Watt better subscribe?"*
13. Letter. Matthew Boulton (Truro) to James Watt (—). 26 Jul. 1785.  
*Summarised "Concerning the cutting down of patents. The Overseers of the Poor of the parish of Redruth assess our profits to ¼ - can they claim any money? Will give Murdock your instructions of valve gear alteration. Concerning the copper trade. Crane engine working with 22 lbs. per inch."*

- 14.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 31 Jul. 1785.  
*Summarised "Re. Copper Co. and my illness. Saw the Whim engine at work. Want certain parts of engines. All engines east of Redruth should have brass condensers. Remarks upon the wear of certain parts of engines. Wheel Towan cut a good load. Re. the subscription to the Copper Co. Cannot get an invalid's chair."*
- 15.** Letter. Matthew Boulton (Chacewater) to James Watt (—). 5 Aug. 1785.  
*Summarised "Lengthy correspondence about the Copper Co. Boulton's leg is still very bad. Sorry to hear of Zaccheus Walker's malady. Bennallack's case is really hard."*
- 16.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper's Hill). 7 Aug. 1785.  
*Boulton completed this letter on 8 Aug.  
Summarised "Concerning the Copper Co.'s affairs. With Mr. Elton at Gloucester. Cannot prepare timber large enough for Polgooth beam. Will send information about stamps for ores. My buckles are broken – send up others. £1000 to Mrs. Baskerville. Also prodigious meeting of Quakers."*
- 17.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper's Hill). 8 Aug. 1785.  
*Summarised "Boulton's remarks upon the piston for the double engine. Murdock has the drawings. Glad Zaccheus Walker is better. Concerning the shares in the Copper Co."*
- 18.** Letter. Matthew Boulton (Chacewater) to James Watt (—). 12 Aug. 1785.  
*Docketed "Mr. Phillips' death."*
- 19.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 22 Aug. 1785.  
2 sheets.  
*Docketed "About state of mines and engine stamps." Summarised "Concerning the state of Cornish mines, their produce and a better method of dealing with it. Also recommends the use of steam stamps v. water stamps. The payment of wages at Soho by Scale or Hodges."*
- 20.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 26 Aug. 1785.  
*Docketed "Subscriptions to C. M. Co." Summarised "Mentions the different sums invested in the Copper Co. for different gentlemen and Boulton & Watt. Concerning the removal of the Crane engine and steam stamps."*
- 21.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper's Hill). 3 Sep. 1785.  
*Docketed "Account of the election of directors and subscription to the C. M. Co."  
Summarised "Has given Murdock particulars from letters. Re. Metal Co. They require a good clerk. Ennis and friends hatching mischief. Poor Halse is dying and Wasp always drunk. Wolf has some cunning scheme. Watt to be watchful of him. The distribution of shares and the election of officers, servants etc. – Metal Co."*
- 22.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 14 Sep. 1785.  
*Docketed "C. M. Co.'s seal." Summarised "The Cornish Metal Co. entrust Boulton & Watt to design their office seal, transfer and blank bill. Boulton requests Lawson to survey underground and perceives the Captains have been working in wrong directions, this is a frequent error on their part."*
- 23.** Letter. Matthew Boulton (Chacewater) to James Watt (—). 19 Sep. 1785.  
*Summarised "Proposes to sell copper by commission. Re. the London agency. Our position in Cornwall. Engines not in good order. Murdock too much with his girl – he is rather awkward to deal with. Could make £1000 a month if he stayed in Cornwall. Cannot find a house to suit."*

- 24.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 23 Sep. 1785. 2 sheets.  
*Docketed "State of the mines." Summarised "Trusts Hurd will have the position of Commission Agent to the Copper Co. The bad state of Chacewater. The state of Polgooth. Boulton proposes to do away the old engines of Boulton & Watt and erect two new ones and thereby save the adventurers money. Sketch [within the text] of stamping apparatus. Wooden top to air pump will do. Hancox is a thief. Suffers with cramp in legs."*
- 25.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 30 Sep. 1785.  
*Summarised "Urges Watt not to be down-hearted. Boulton only in doubt about Chacewater. Will make about £10,000 next year. Complains of the bad method of sinking shafts. Gives a sketch [within the text]. Boulton leaves Cosgarne House. Dwells upon the sad state of Cornwall and the deaths through bad medical attendance."*
- 26.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 12 Oct. 1785.  
*Docketed "With receipts for £1200 – C. M. Co." Summarised "Hopes he will be able to remit Watt some money as well as pay the Copper Co. shares. Mentions Wedgwood. The Crane rotative engine to be removed to Chacewater. Requests Watt to send information about the stamping apparatus."*
- 27.** Letter. Matthew Boulton (Truro) to James Watt (6 Green Lettice Lane, London). 17 Oct. 1785.  
*Summarised "Concerning the profit realised at several Cornish mines. Conversation with Sir F. Bassett about the shares in the Metal Co. Lord Falmouth's son and heir dead."*
- 28a.** Letter. Matthew Boulton (Chacewater) to James Watt (6 Green Lettice Lane, London). 21 Oct. 1785.  
*Enclosing (b) below.  
Docketed "With letter to Mr. Bedford." Summarised "Sir F. Bassett upsets the arrangements previously made by the Copper Co. Boulton feels alarmed at the sight of Wheal Fortune new engine. Concerning delaying the trial against Boulton. Copy of Boulton's letter to the lawyer enclosed."*
- b.** Letter (press copy). Matthew Boulton (Truro) to William Bedford (—). 21 Oct. 1785.
- 29.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 31 Oct. 1785.  
*Summarised "Boulton receives no answer concerning the extension of time for his Chancery suit. The Albion Mill foundations are giving way. Re. the Copper Co.'s affairs. Boulton and Murdock in trouble with the parallel motion. Concerning the payment of certain sums of money."*
- 30.** Letter. Matthew Boulton (North Downs) to James Watt (Birmingham). 2 Nov. 1785.  
*Summarised "Wheal Fortune engine works well – being set to work at 2 o'clock today. Murdock says this double engine with parallel motion works and is more manageable than the single-acting engine."*
- 31.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 4 Nov. 1785.  
*Summarised "Boulton speaks highly of the double engine at Wheal Fortune, wishes Watt could see it. Attends the committee at Truro and paid £1200. Speaks of Wedgwood. Concerning the copper and brass trade."*
- 32.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 7 Nov. 1785.  
*The direction to James Watt on the outside has been crossed out, and the letter passed to Mr. Walker. However the docket is by Watt. Summarised "Boulton hurries to London concerning his Chancery suit."*

**33.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 28 Nov. 1785. 2 sheets.  
*Docketed "About abatement on Poldice." Summarised "Concerning the Copper Co.'s affairs. The new engine at Wheal Fortune. Poldice mine adventurers in trouble. Boulton accuses them of bad management. Ask for reduction of fees, what are we to do? All Cornwall our enemies."*

**3/10 Letters to James Watt, 1786 (30 items)**

**1.** Letter. Matthew Boulton (Soho) to James Watt (—). 10 Jan. 1786.  
*Summarised "With Dr. Priestley, Mr. Russell, Mr. Wilkinson and John Vivian. Sends a letter to Dr. Blagden, and concerning Albion agent."*

**2.** Letter. Matthew Boulton (Soho) to James Watt (London). 22 Jan. 1786.  
*Docketed as 26 Jan. Summarised "Concerning the copper trade and Birmingham. Leather dresser from Leicester requires 2 horse power engine. Don't know how to make such small engines. Trouble at not having the engines to work by June. Concerning the coke scheme."*

**3.** Letter. Matthew Boulton (London) to James Watt (Soho). 24 Feb. 1786.  
*Boulton completed this letter on 27 Feb.  
Docketed "Argand's trial."  
Summarised "MyIne requires the materials for the New River Head Water Works engine, that it may be set to work. About Mr. Allingham's erection by Robert Moore. Concerning Argand and his patent lamp trial."*

**4.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 1 Mar. 1786.  
*Summarised "Albion Mill engine set to work. Slight troubles with different parts of the engine, the piston gets loose on rod. Visits Whitbread's engine, has less fears of the single revolver than the double."*

**5.** Letter. Matthew Boulton (New River Head) to James Watt (Birmingham). 5 Mar. 1786.  
*Boulton completed this letter on 6 Mar.  
Summarised "New River Head Water Works materials all behind. Wishes Soho or Bradley had a boring bar. Boiler plates won't bend, will make them of Russia slabs. Boulton does not like the shafts at Albion Mill, driving off each side of the connecting rod with two sets of planet wheels."*

**6.** Letter. Matthew Boulton (London) to James Watt (—). 15 Mar. 1786.  
*Summarised "Business with Pitt etc. ready of Parliament. The arrangement of Albion Mill affairs. Lengthy correspondence thereon. Mentions Rennie. About Argand's patent lamp. Concerning the New River Head Water Works."*

**7.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 22 Mar. 1786.  
*Summarised "Concerning the Albion Mill. Visited Thrales brewery [Barclay & Perkins], they want a 12 horse power engine and for us to consume their smoke, but have informed them it is not worth our while for so small an engine. Will examine several sorts of coal before buying for Albion Mill. Got £1000 of corn in grainary."*

**8.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 27 Mar. 1786.  
*Summarised "Letter concerning the Albion Mill affairs. Mentions Imperial Rennie."*

**9.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 2 Apr. 1786.  
*Summarised "Concerning the Albion Mill. Has agreed with Barclay & Perkins to erect them an engine. Re. York Buildings Water Works."*

**10.** Letter. Matthew Boulton (Albion Mill) to James Watt (Birmingham). 4 Apr. 1786.  
*Summarised "Concerning the Albion Mill engine. Thomson, the erector, must sign and seal agreement or he will be off. Elton and the Penryndee engine."*

- 11.** Letter. Matthew Boulton (—) to James Watt (—). 9 Apr. 1786.  
*Summarised "Boulton mislays the papers concerning the Dutch patent. The Albion Mill engine gives trouble, wishes Watt would come to it."*
- 12.** Letter. Matthew Boulton (—) to James Watt (Birmingham). 11 Apr. 1786.  
*Not dated – date taken from the docket and postmark.  
Summarised "Concerning the troubles at the Albion Mill. Cannot yet find the Dutch patents. Rennie and Brown continue to snarl and thwart each other."*
- 13.** Letter. Matthew Boulton (Albion Mill) to James Watt (Birmingham). 15 Apr. 1786.  
*Summarised "Concerning the Albion Mill. Rennie wants us to lend him money for his undertakings, he has invited several gents from Scotland and uses the 'I' and 'We' freely."*
- 14.** Letter. Matthew Boulton (Albion Mill) to James Watt (Birmingham). 18 Apr. 1786.  
*Summarised "Concurring the troubles with the engines at Albion Mill. Does not speak well of Rennie."*
- 15.** Letter. Matthew Boulton (6 Green Lettice Lane, London) to James Watt (Birmingham). 19 Apr. 1786.  
*Summarised "Watt remarks upon the number of people allowed to go over the Albion Mill. Boulton considers Watt has lent his ear to pimps and gossips and is annoyed."*
- 16.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 22 Apr. 1786.  
*Summarised "Boulton ill and in bed. Argand visits him. He feels hurt by Watt's remarks, for he always endeavours to please his friends."*
- 17.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 24 Apr. 1786.  
*Summarised "Boulton with Mr. Barclay and Mr. Perkins, sends plan of their brewery. Introduces to them Mr. Rennie, who does not keep a promise he made. Boulton thinks when he is on his own legs he will get into many scrapes. Boulton also enlarges upon Rennie's proceedings, which are not straightforward."*
- 18.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 26 Apr. 1786.  
*Summarised "Concerning the troubles at the Albion Mill. Boulton again unwell. Joseph Hateley's engine makes a great noise in Cornwall and Gullett is to have one erected."*
- 19.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 1 May 1786.  
*Summarised "Trial with the Albion Mill boiler. Boulton complains of the heat lost, and considers that a larger heating surface is necessary to absorb the heat before entering chimney. Visits Bell, Goss & Benwell."*
- 20.** Letter. Matthew Boulton (London) to James Watt (—). 8 Jun. 1786.  
*Summarised "Boulton with the Duke of Richmond concerning the gunpowder mills belonging to the Government, which have to be rebuilt. The London Bridge Water Works Co. have a trial concerning the Poors Rate. John Calvert orders an 8 horse power engine."*
- 21.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 12 Jun. 1786.  
*Summarised "Returns from the gunpowder excursion with Richmond, and it is a job for Rennie. Undertakes to dry their powder by steam. About the Albion Mill. Concerning the appointment of lawyers."*
- 22.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 2 Sep. 1786.  
*Summarised "Boulton travels from London to Cornwall. Meets with Murdock on his way to London with his steam wheel carriage to patent and persuades him to return. Murdock makes it run round a room carrying the tongues, pokers etc."*
- 23.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 6 Sep. 1786.  
*Summarised "Concerning the delivery of goods. About the requirement of an engine at Wheal Maid. Watt does not like a 9 feet stroke in a double engine. Visits the North Downs mines and remarks upon their productive power."*

**24.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 8 Sep. 1786.  
*Summarised "Boulton attends the Copper Co. monthly committee meeting and receives the interest upon the sums invested, and would prefer the amount split in smaller sums, which will give more votes. Visits several mines. About the renting of a house. Lawson an idler. Murdock in good spirits and has neither thought upon nor done anything with his wheel carriage."*

**25.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper's Hill). 17 Sep. 1786.  
*The address and docket are on a separate wrapper.  
Docketed "About steam carriages." Summarised "Ravenhead engine. Should put a dozen engines in hand. About the insult received at the mines. The Hornblowers. Wheel Virgin requires as large an engine as Watt can construct. The advantages of double-acting pumps. About removal of Cornish engines to Ireland. Valuable remarks on Murdock and the wheel carriage."*

**26.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper's Hill). 19 Sep. 1786.  
*Summarised "Re. the shipping of goods. Require more men to erect the engines. Send the 12 inch engine in Refining Shop to do the turning. Mentions Murdock, Bull and Cartwright. Complains of the heavy forged work. The bearings of motion etc. should be twice their diameters. The sale of shares."*

**27.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 26 Sep. 1786.  
*Docketed "Account of Polgooth No. 2 engine." Summarised "Received Argand's letter, also one from Mr. Poli of Naples for an engine for the King. About various engines in Cornwall and the fuel burnt, their speeds, also their pump work and Murdock's remarks."*

**28.** Letter. Matthew Boulton (Chacewater) to James Watt (Birmingham). 1 Oct. 1786.  
*Boulton completed this letter on 2 Oct.  
Docketed "Prince George calculations." Summarised "Murdock flies from mine to mine. About employing his brother. Concerning the Cornish mine engine at Prince George, also remarks and sketch [within the text] about the rotative engines for the mines and also about the other class of engines."*

**29.** Letter. Matthew Boulton (Chacewater) to James Watt (—). 6 Oct. 1786.  
*Summarised "About the construction of the new committees for Copper Co. and the erection of a forge. Boulton in a poor bed, catches cold. 4ft. cylinder does not save coal. Prince George mine. Murdock in a temper with Prince George people."*

**30.** Letter. Matthew Boulton (Bristol) to James Watt (Birmingham). 16 Oct. 1786.  
*Docketed "About Chacewater mine." Summarised "Concerning the productive power of Chacewater mine. Concerning the insolent Captain, and proposes to take more shares to gain a majority."*

### **3/11 Letters to James Watt, 1787 (18 items)**

**1.** Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London). 3 Mar. 1787.  
*Boulton completed this letter on 4 Mar.  
Docketed "About Baron Stein." Summarised "Baron Stein wants an engine. Would be better to get money from his King rather than a patent. About the state of the North Downs mines, shall we assist them."*

**2.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 15 Jun. 1787.  
*Docketed "London Bridge Engine." Summarised "Mr. Williams (Boulton thinks) intends to demolish the Cornish copper trade. Asks Boulton to coin him two tons of pence and then uses it to injure Boulton's trade. Scott & Co. want a mill. Concerning the London Bridge Water Works."*

- 3.** Letter. Matthew Boulton (London) to James Watt (—). 20 Jun. 1787.  
*Summarised “Concerning the engine at the London Bridge Water Works. J. Williams intends to destroy the Cornish copper trade. Sends his son to Paris to fetter Droz and inform him I must now buy my copper from his father.”*
- 4.** Letter. Matthew Boulton (London) to James Watt (Harper’s Hill). 25 Jun. 1787.  
*Summarised “Two Frenchmen and a Marquis shown over Albion Mill, and make sketches of the engine. They will come to Birmingham and Boulton requests Watt not to let the thieves see over Soho. In company with Wolf.”*
- 5.** Letter. Matthew Boulton (London) to James Watt (Harper’s Hill). 2 Jul. 1787.  
*Summarised “Concerning the Albion Mill and a consultation with Rennie. Also about the result of the alteration to the chimney. Has been to the New River Head Water Works. The arrangement of payments for advice about engines for France.”*
- 6.** Letter. Matthew Boulton (—) to James Watt (6 Green Lettice Lane). 4 Sep. 1787.  
*On the same sheet:*  
Letter. Samuel Garbett (Birmingham) to James Watt. 2 Sep. 1787.  
Transcript of letter. ? (Liverpool) to Samuel Garbett [Birmingham]. 24 Aug. 1787.  
*Not dated – date taken from information in Matthew Boulton’s diary.*  
*Summarised “Copies of information for Watt, re. the Frenchmen taking out a patent for bleaching. Boulton intends to journey to Anglesey. Concerning Mr. Droz. General Elliott at Soho, plenty of gun firing.”*
- 7.** Letter. Matthew Boulton (Truro) to James Watt (Harper’s Hill). 26 Sep. 1787.  
*Summarised “Boulton journies in a patent coach, which makes him very ill. His remarks upon the coach. Meets Phillips and Lawson. About the Cornish mines.”*
- 8.** Letter. Matthew Boulton (Truro) to James Watt (Birmingham). 29 Sep. 1787.  
*Summarised “Boulton again very ill, caused by the ride in the patent coach. About [Mr. Knipe’s] German journey.”*
- 9.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper’s Hill). 1 Oct. 1787.  
*Docketed “List of produce of mines.” Summarised “Symington’s new engine will go the same way as his wheel carriage, so don’t vex about it. About someone stealing and re-using the rotative motion at Manchester. The Hornblowers abandon the engine trade. About Williams and the copper supply. About the wiredrawing of the steam at Poldice. List of the copper produced.”*
- 10.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper’s Hill). 3 Oct. 1787.  
*Docketed “Amount of our dues on copper got and about Mr. Gullet’s engine.”*  
*Summarised “Boulton remarks upon the distressed state of the Cornish mines. Our tax upon copper = 1½ guineas per ton. Our tax upon tin = 2 guineas per ton. Concerning Mr. Gullet’s engine.”*
- 11.** Letter. Matthew Boulton (Chacewater) to James Watt (Harper’s Hill). 5 Oct. 1787.  
*Mis-dated by Boulton as 1789.*  
*Docketed “About stopping North Downs and other mines.” Summarised “Boulton’s remarks upon the distressed state of the Cornish mines.”*
- 12.** Letter. Matthew Boulton (—) to James Watt (—). “Saturday Morning” [6 Oct. 1787].  
*Docketed “Beginning of miners’ mob.” Summarised “400 Cornish miners assemble to pull down Vivian’s house. Boulton fetched out of bed to render assistance.”*
- 13.** Letter. Matthew Boulton (Truro) to James Watt (Harper’s Hill). 7 Oct. 1787.  
*Docketed “Miners’ mob.” Summarised “The miners’ mob about 500 strong – ask for Boulton. Boulton and Murdock flee to St. Agnes and then to Truro to avoid them.”*

**14.** Letter. Matthew Boulton (Truro) to James Watt (Harper's Hill). 8 Oct. 1787.  
*Docketed "Account of miners' mob." Summarised "Concerning the Cornish miner's distress. The unsound position of the Copper Co."*

**15.** Letter. Matthew Boulton (Truro) to James Watt (Harper's Hill). 11 Oct. 1787.  
*Mis-docketed as 7 Oct.*  
*Docketed "General meeting at Truro." Summarised "Concerning the prices of the stock of copper and the position of the Cornish Copper Co., also their difficult position."*

**16a.** Letter. Matthew Boulton (Truro) to James Watt (Harper's Hill). 15 Oct. 1787.  
*Enclosing (b) and (c) below. On the same sheet:*  
Balance sheet. The Cornish Metal Co.'s Effects and Debts due to and from them.  
*Docketed "With Cornish Metal Co.'s balance, and copy of a letter to Mr. Wedgwood."*

**b.** Letter (press copy). Matthew Boulton to Josiah Wedgwood. [15 Oct. 1787.] 2 sheets.

**c.** Letter. Thomas Wilson (Morrison) to Matthew Boulton (—). 11 Oct. 1787.

**17.** Letter. Matthew Boulton (Chacewater) to James Watt (—). 17 Oct. 1787.  
*Summarised "Concerning the Cornish tanners and the distress. Also enclosed is a letter from Thomas Wilson [this letter was actually enclosed in the letter of 15 Oct. above]. Williams the cause of the mischief."*

**18.** Letter. Matthew Boulton (Soho) to James Watt (—). 23 Dec. 1787.  
*Summarised "Wilkinsons visit Boulton. Could not attend concerning the coinage. Gives a description of his illness."*

### **3/12 Letters to James Watt, 1788 (18 items)**

**1.** Letter. Matthew Boulton (Soho) to James Watt (care of Dr. Black, Edinburgh). 8 Jan. 1788.  
*Summarised "Concerning the copper coinage and the proposed enlargement of his mint. Cornish mines still losing. Several engines wanted at home and abroad. Does not care to go in for small engines. Jim is his French secretary."*

**2.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 25 Jan. 1788.  
*Summarised "About the Albion Mill. The King of Naples allows £1000 for profit. Concerning coinage."*

**3.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 28 Jan. 1788.  
*Summarised "Several engines wanted in London. Infamous news spread about Boulton concerning the copper trade. Murdock's scheme to draw the water from the Cornish mines without pumps. Concerning coinage and his mint."*

**4.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 1 Feb. 1788.  
*Summarised "Concerning the King of Naples' engine. Also Truman's engine. Concerning the number of pence to the lb. Should have an office in London. About Rennie and Albion Mill."*

**5a.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 5 Feb. 1788.  
*Enclosing (b) below.*  
*Docketed "North Downs adit." Summarised "Alterations have been made in the Cornish mines, without the consent of Boulton & Watt. Concerning the King of Naples' engine. Could do with secretary and office. Mr. Beckman requires an engine."*

**b.** Transcript of letter. Matthew Boulton to G. C. Fox & Sons (Falmouth). 4 Feb. 1788.  
*Docketed by James Watt as 30 Jan.*

- 6.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 7 Feb. 1788.  
*Docketed "Morris' premium." Summarised "Mr. Pulteney and his invention. Mr. Morris and his engine. Watt to confine himself to £5 a year for the country and 6 guineas in London. Chacewater mine to be given up after a month's trial, surprised as it is a tin mine."*
- 7.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 15 Feb. 1788.  
*Summarised "Boulton and his daughter witness a sight of royalty etc. Have no reply from Morris about his engine. Rutt's engine is going very well. Concerning the alterations etc. of the Cornish mines, without the consent of Boulton & Watt."*
- 8a.** Letter. Matthew Boulton (London) to James Watt (—). 15 Feb. 1788.  
*Enclosing (b) below.  
Docketed "With letter on coal trade." Summarised "Account of papers enclosed."*
- b.** Letter. H. Grey Macnab (Adelphi, Strand) to Matthew Boulton [London]. Undated.
- 9.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 20 Feb. 1788.  
*Summarised "The Cornish property, copper and bills surrendered into the hands of Williams. Albion Mill customers put into the hands of lawyers. Sacks of corn stolen from the barges. About Truman's engine and Morris' engine. Also the Glass Co. engine. About Albion Mill. Concerning coinage. Beckman's engine to stand over."*
- 10.** Letter. Matthew Boulton (London) to James Watt (—). 22 Feb. 1788.  
*Summarised "Watt troubled with asthma. J. Calvert's address. Also Whitbread. Concerning the sale of tin and copper. Also the state of affairs of the Metal Co."*
- 11.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 28 Feb. 1788.  
*Summarised "Boulton and son are ill. Will visit the Lord Advocate and other members of Parliament about Bartholet stealing our designs. About the Neapolitan boiler. To visit Sir William Lemon, to confer with several Cornish gents."*
- 12.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 28 May 1788.  
*Summarised "The Lead Hills Co. The Mint engine boiler. Accompanies Van Liender to the Albion Mill. Parker's schemes and a sketch [within the text]. Concerning the governor, applied to a mill stone. About Mr. Vere's."*
- 13.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 29 May 1788.  
*Summarised "Concerning the drainage of the Fens. About the engine for the King of Naples and Lawson to erect it."*
- 14.** Letter. Matthew Boulton (Albion Mill) to James Watt (—). 31 May 1788.  
*Summarised "Lawson not to erect the engine for the King of Naples, and other remarks concerning the delivery."*
- 15.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 3 Jun. 1788.  
*Summarised "About the King of Naples' engine. Concerning the Fens. Boulton proposes to buy a few thousand acres, and other remarks. Visited Whitbread's, Calvert's and Barclay's with Van Liender."*
- 16.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 7 Jun. 1788.  
*Summarised "Proposes to meet Watt in the Fens. Whitbread peaks at being the first to give us information thereof. About the King of Naples' engine – good delivery."*
- 17.** Letter. Matthew Boulton (Soho) to James Watt (Buxton). 13 Aug. 1788.  
*Mis-dated by Boulton as 14 Aug.  
Summarised "Watt visits Buxton. About the Hawkesbury Colliery engine. Boulton visits Bridgnorth. Major Cartwright wants an engine. Rennie to be married to a lady of fortune."*

**18.** Letter. Matthew Boulton (Soho) to James Watt (Buxton). 14 Aug. 1788.  
*Mis-dated by Boulton as 15 Aug. Summarised "About Rumsey and Vaughan's intention to build engines in Ireland where the law will not reach them. Boulton very annoyed thereby. Concerning slight disputes with part of the agreements by customers."*

**3/13 Letters to James Watt, 1789 (16 items)**

**1.** Letter. Matthew Boulton (London) to James Watt (Birmingham). 25 Jan. 1789.  
*Summarised "Concerning agreements. The Spaniard in London – Perrier will make him an engine. About insolence at the Albion Mill. Other Parliamentary affairs. Boulton must make friends with the Duke of Portland."*

**2.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 26 Jan. 1789.  
*Docketed as 25 Jan. Summarised "Major Cartwright's writings returned. About the selling of tin blocks. About Count Solager's engine. Watt's asthma and Boulton's remarks."*

**3.** Letter. Matthew Boulton (—) to James Watt (Harper's Hill). — Feb. 1789. Incomplete.  
*This letter originally consisted of 2 sheets, of which the first is now missing. Docketed "About F. Scott & Co." Summarised "Concerning Gardner, and the saving of coals."*

**4.** Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London). 26 Mar. 1789.  
*Summarised "Concerning the Albion Mill. Wilson in trouble. The miners say he stopped the North Downs mine for which they intend taking his life. Young Daniels in trouble respecting the Consolidated Mine."*

**5.** Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London). 1 Apr. 1789.  
*Summarised "Concerning the Cornish mine affairs. Concerning the Albion Mill affairs. About the coining presses. Boulton to attend upon the slave trade. Also a Lunar meeting."*

**6.** Letter. Matthew Boulton (—) to James Watt (—). Not dated [circa 17 Jun. 1789].  
*Dated from the docket and from information in Matthew Boulton's diary. Docketed "Sales to the East India Co."*

**7.** Letter. Matthew Boulton (London) to James Watt (Harper's Hill). 23 Jun. 1789.  
*Summarised "Boulton at Windsor, goes on the terrace to see the King who recognises him and has a conversation with him. About the brewers in London. Garbett insists upon me taking the Winson Green house."*

**8.** Letter. Matthew Boulton (London) to James Watt (Soho). 6 Jul. 1789.  
*Summarised "Concerning the drainage of the Fens. About coinage. Re. Wilkinson and Weston erecting an engine without our consent, also gives a sketch of Wilkinson's character. The Albion Mill sells 20,000 sacks."*

**9.** Letter. Matthew Boulton (Soho) to James Watt (at Mr. Newman's, haberdasher, or at the Post Office, Cheltenham). 15 Aug. 1789.  
*Summarised "Robert Cameron visits Boulton and trusts he will not be against him for erecting 5 winding engines (Blair, Jeffries and Cameron). Mr. Ware the inventor. Letter from Rennie about Cameron. Order for engine. Re. to coining press. Miss Boulton leaves her card [for Mr. and Mrs. Startin] and causes trouble."*

**10.** Letter. Matthew Boulton (Soho) to James Watt (Cheltenham). 20 Aug. 1789.

**11.** Letter. Matthew Boulton (Soho) to James Watt (London). 30 Sep. 1789.  
*Summarised "About Mr. Mensa and the Spanish engine business. Also Wilkinson and the construction of engines. Robert Cameron calls again. Re. Mr. Sam Broome and the Paris engine."*

12. Letter. Matthew Boulton (Soho) to James Watt (London). 2 Oct. 1789.  
*Mis-dated by Boulton as Sep. Summarised "About Robert Cameron, and also East India Co. bought 600 tons of tin."*

13. Letter. Matthew Boulton (Soho) to James Watt (London). 4 Oct. 1789.  
*Docketed "About Mr. Torres." Summarised "Concerning the Spanish engine business. Wilkinson and Carron patronise Symington. Wishes Watt would bring the box of coin with him."*

14. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
6 Oct. 1789.  
*Re-directed to James Watt at Harper's Hill.  
Docketed "Concerning Mr. Torres". Summarised "Concerning the Spanish engine business."*

15. Letter. Matthew Boulton (London) to James Watt (Birmingham). 2 Dec. 1789.  
*Docketed "Agreement with Mr. Gardner."  
Summarised "About Gardner and the premium. An appointment with Mr. Pitt."*

16. Letter. Matthew Boulton (London) to James Watt (—). 6 Dec. 1789.  
*Summarised "Mr. Mensa takes a complete model of Albion Mill. New River Water Works Co. will not allow their water for condensing purposes. Concerning the Spanish engine business. Whitbread's engine goes well. The sun wheel teeth are of well-seasoned live oak."*

### **3/14 Letters to James Watt, 1790**

1. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
1 Apr. 1790.  
*Summarised "About an engine for Cornwall. About Stein's affairs. Mensa's conduct. Concerning Droz and his invention for multiplying dies. Also other miscellaneous information."*

2. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
1 Apr. 1790.  
*Summarised "Concerning Cornish lawyers. Flint's engine gone wrong. Boulton wishes Watt to assure him several questions about Mr. Droz and coining machinery."*

3. Letter. Matthew Boulton (—) to James Watt (—). 9 Apr. 1790.  
*Summarised "Boulton does not invite Watt to dine with his company, as he considers the dislike Watt has to mixed company, and better not expose himself to the wind."*

4. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
27 May 1790.  
*Summarised "Boulton guards Soho against an intended riot. Harper whom I nursed in misfortune says he is going to do coinage against me. About intended partnership with Scale and other remarks upon the button trade."*

5. Letter. Matthew Boulton (London) to James Watt (Soho). 26 Jun. 1790.  
*Boulton completed this letter on 29 Jun.  
Docketed "Borough Water Works." Summarised "Boulton says 'as we have never applied double engines to the raising of water by one pump, I think it would do to try it at Borough Water Works.' The sales at the Albion Mill. About Droz, and his conduct re. the coinage machinery. Watt with the King."*

6. Letter. Matthew Boulton (London) to James Watt (—). 6 Jul. 1790. 2 sheets.  
*Docketed "Droz's arbitration." Summarised "Lengthy correspondence re the arbitration. Droz and the coining machinery."*

7. Letter. Matthew Boulton (London) to James Watt (Soho). 7 Jul. 1790.  
*Mis-dated by Boulton as 1788. Summarised "Concerning the arbitration. Droz and the coining machinery."*

- 8.** Letter. Matthew Boulton (London) to James Watt (Soho). 8 Jul. 1790.  
*Docketed "Mensa, Torres, copper trade, abatements to mines etc."*  
*Summarised "Concerning Torres and Mensa's engine. Concerning the copper trade and abatement of dues."*
- 9.** Letter. Matthew Boulton (London) to James Watt (Soho). 9 Jul. 1790.  
*Docketed "Mensa's patent. Albion Mill. Williams' copper warehouse."*  
*Summarised "Concerning Mensa and the Cadiz business. About mines. Bad management of the Albion Mills. Gardner pressing for his engine. Concerning the copper trade."*
- 10.** Letter. Matthew Boulton (Albion Mill, London) to James Watt (—). 10 Jul. 1790.  
*Docketed "Copper and tin trade. Mensa."* *Summarised "Concerning Mensa, Garbett, Handley and the copper and tin trade. Copper will fall."*
- 11.** Letter. Matthew Boulton (London) to James Watt (Soho). 16 Jul. 1790.  
*Docketed "Bourdieu and Chollet."* *Summarised "Messrs. Bourdieu, Chollet & Bourdieu, merchants, require an engine for Spain – a sugar mill at St. Dominga. Mensa and the patent business, also about his mill. Albion Mill profits. Concerning the design of coining presses."*
- 12.** Letter. Matthew Boulton (London) to James Watt (Soho). 21 Jul. 1790.  
*Docketed "Bourdieu and Chollet."* *Summarised "Concerning the Spanish business. About Mr. de Tastet and Messrs. Mensa & Co. The patent and drawings."*
- 13.** Letter. Matthew Boulton (London) to James Watt (Soho). 23 Jul. 1790.  
*Docketed "Droz."* *Summarised "Watt to attend the arbitration case, to note Droz's remarks, for he agreed to teach me the art, and superintend, and put the coinage in good train, so that I shall make the finest money."*
- 14.** Letter. Matthew Boulton (London) to James Watt (—). 24 Jul. 1790.  
*Docketed "Droz."* *Summarised "Concerning Droz and the coining machinery – valuable information."*
- 15.** Letter. Matthew Boulton (London) to James Watt (Soho). 29 Dec. 1790.  
*Summarised "Miscellaneous information. Re. Soho men's characters."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 201**

**3/15 Letters to James Watt, 1791 (9 items)**

1. Letter. Matthew Boulton (London) to James Watt (Soho). 10 Jan. 1791.  
*Docketed "A.M." Summarised "Concerning the bad state of the Albion Mill affairs. Boulton considers it a wreck. Meets Smeaton at the George & Vulture with Rennie. Re. Droz and his attorney."*
2. Letter. Matthew Boulton (Soho) to James Watt (—). 21 Mar. 1791.  
*Summarised "Concerning the Albion Mill and other small matters."*
3. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
23 Mar. 1791.  
*Docketed "Albion Mill. Commotion among Soho men and resolutions thereon."*
4. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
24 Mar. 1791.  
*Docketed "Fire in the cutting out shop." Summarised "Concerning Soho workmen, and the fire in the cutting out room. Thinks the Albion Mill was a national object and is entitled to a national enquiry."*
5. Letter. Matthew Boulton (Soho) to James Watt (—). 26 Mar. 1791. 2 sheets.  
*Docketed "A.M. Townend & Co. Lawson, rolling mill etc." Summarised "Concerning the Albion Mill affairs. Intends to have a fire extinguishing pump. Also about the Cornish mines and copper business. The coinage and Lawson."*
6. Letter. Matthew Boulton (Soho) to James Watt (—). 29 Mar 1791. Incomplete.  
*Half the sheet has been cut away.*  
*Docketed "Lord H<sup>r</sup> Townend and Wilson." Summarised "Lord H. interests himself in the Albion Mill affair. Re. the taking of copper shares."*
7. Letter. Matthew Boulton (London) to James Watt (—). 7 Jun. 1791.  
*Summarised "Short account about some business with France."*
8. Letter. Matthew Boulton (London) to James Watt (Soho). 9 Jun. 1791.  
*Docketed "A.M." Summarised "Concerning the Albion Mill affairs."*
9. Letter. Matthew Boulton (London) to James Watt (Soho). 13 Jun. 1791.  
*Docketed "Charles Gardiner. A.M. Coining engine." Summarised "Concerning the Albion Mill. Will buy their engine for Torres. About sending materials abroad. He is losing a fine opportunity in steel buttons, owing to the extent of his machinery."*

**3/16 Letters to James Watt, 1792 (7 items)**  
**(no correspondence found for 1793)**

1. Letter. Matthew Boulton (London) to James Watt (Soho). 8 Oct. 1792.  
*Docketed "His arrival and conversation with Mr. de Luc." Summarised "Concerning the French and English disputes. Boulton ill. Hornblower is about to take out a patent – Boulton will be watchful."*

2. Letter. Matthew Boulton (London) to James Watt (Soho). 9 Oct. 1792.  
*Summarised "Boulton's remarks upon the new invention of the Hornblowers. Thinks Argand could be employed to watch as he is not known in Cornwall."*
3. Letter. Matthew Boulton (London) to James Watt (Soho). 10 Oct. 1792.  
*Summarised "Boulton will search the patent records, to see if the Hornblowers have entered a new patent. Concerning Argand and Simpson."*
4. Letter. Matthew Boulton (London) to James Watt (Soho). 13 Oct. 1792.  
*Summarised "Concerning the London Water Works. Models wanted of Newcomen's, Watt's and Bull's engines and remarks thereon. Boulton with Argand and an Italian [Galvani? Sees an experiment on frogs – Hazleton misunderstood the letter and summarised it as "...and a Frenchman and dines on frogs.]. Boulton is again ill. Sutton & Bowen's engine. Smeaton ill."*
5. Letter. Matthew Boulton (London) to James Watt (Soho). 14 Oct. 1792.  
*Summarised "Mr. Weston to be arrested at Shrewsbury. Remarks upon the manufacture of the models."*
6. Letter. Matthew Boulton (—) to James Watt (Soho). 15 Oct. 1792.  
*Summarised "Boulton requires pomatum for Mr. Spencer's engine. Wheel Unity adventurers desire a trial of Wheel Butson engine."*
7. Letter. Matthew Boulton (London) to James Watt (Soho). 20 Oct. 1792.  
*Summarised "Concerning the points to prepare ready for a trial [against Bull]."*

### **3/17 Letters to James Watt, 1794**

**(17 items)**

1. Letter. Matthew Boulton (Soho) to James Watt (at Mr. Matthews', London). 27 Jan. 1794.  
*Summarised "Concerning the quantity of letters to answer. Watt to answer Mr. Jones' letter. Boulton requires tin."*
2. Letter. Matthew Boulton (Soho) to James Watt (London). 2 Feb. 1794.  
*Summarised "Boulton receives Watt's letters and will remain at Soho a few more days, till he has better health."*
3. Letter. Matthew Boulton (Soho) to James Watt (6 Green Lettice Lane, London).  
9 Feb. 1794.  
*Docketed "Disasters at Soho." Summarised "Fire at Soho Manufactory. Boulton in very bad health. Valuing of Boulton's land. Malcolm Logan goes to Spain."*
4. Letter. Matthew Boulton (Soho) to James Watt (—). 9 Apr. 1794.  
*On the same sheet:*  
Letter. James Watt Jr. (—) to James Watt (—). 10 Apr. 1794.  
*Docketed "Hallamanin etc." Summarised "Letter from James Watt Jr. to his father. Concerning the Cornish mine Hallamanin. Concerning Bull and Judge Buller. Boulton's back bad."*
5. Letter. Matthew Boulton (Soho) to James Watt (—). 3 May 1794.  
*Docketed "Empowering me to treat for certain parcels of land."  
Summarised "Desires me to consider the purchasing of land around the Soho Manufactory, with Boulton's remarks thereon." [Part of the summary is now missing, but the text was transcribed from an old photostat copy of the letter.]*
6. Letter. Thomas Lane (Handsworth) to James Watt (—). "Sunday Morning" [4 May 1794].  
*Docketed by Watt as 5 May.  
Docketed "About Mr. Boulton's purchase." Summarised "Concerning plots of ground left out of the valuation. Mr. Lane desires Watt to consider the matter, and how it can be inserted."*

7. Letter. Matthew Boulton (London) to James Watt (Heathfield). 12 May 1794.  
*Docketed "About the purchase of [land around] Soho."*
8. Letter. Matthew Boulton (London) to James Watt (Heathfield). 14 May 1794.  
*Docketed "About the purchase of [land at] Soho. Marquis of Stafford's fears of sedition. Duke of York's glorious victory unassisted by Clairfait. Firing of the Tower guns. Cornish bankers."*
9. Letter. Matthew Boulton (London) to James Watt (Heathfield). 15 May 1794.  
*Docketed "About the argument in the Common Pleas. Chevalier Pisani. Rumsey."  
Summarised "About the argument in the Common Pleas (Bull's case). Chevalier Pisani brings an engineer from Italy to be instructed in the erection of engines. Concerning Rumsey and the steam boat."*
10. Letter. Matthew Boulton (London) to James Watt (Heathfield). 20 May 1794.  
*Docketed "About Soho purchase." Summarised "Concerning the purchasing of land around the Soho Manufactory. Other land declined. Speaks of Watt's daughter Jessy, and a conversation with Watt's son."*
11. Letter. Matthew Boulton (London) to James Watt (Heathfield). 20 May 1794.  
*About the purchase of land around Soho.  
This second letter of 20 May was transcribed by James Watt Jr., as Matthew Boulton blotted the original – see the above letter of 20 May.*
12. Letter. Matthew Boulton (London) to James Watt (—). 22 May 1794.  
*Docketed "About the argument in the Common Pleas."  
Hazleton added "Also Watt's son and Mr. Lane and the Soho premises."*
13. Letter. Matthew Boulton (London) to James Watt (Heathfield). 24 May 1794.  
*On the same sheet:  
Transcript of memorandum. Mr. Lane's valuation of allotments and cottages.  
Docketed "About the purchase of Soho."*
14. Letter. Matthew Boulton (—) to James Watt (—). "Saturday Evening" [24 May 1794].  
*Docketed "Notice of hearing in Common Pleas."*
15. Letter. Matthew Boulton (London) to James Watt (—). 25 May 1794.  
*Docketed "About the argument in the Common Pleas." Hazleton has added "Bull."*
16. Letter. Matthew Boulton (London) to James Watt (—). 26 May 1794.  
*Docketed "About the argument in the Common Pleas. General consultation and argument put off. Bull's martial appearance."*
17. Letter. Matthew Boulton (London) to James Watt (Heathfield). 28 May 1794.  
*Docketed "About the argument in the Common Pleas. Again put off. Morris of Swansea." Hazleton has added "requires an engine. Mentions Dr. Beddoes and Withering" and "Bull".*

### **3/18 Letters to James Watt Junior, 1795**

**(5 items)**

All the letters are docketed by James Watt Jr.

1. Letter. Matthew Boulton (Soho) to James Watt Jr. (—). 18 Jan. 1795.  
*Summarised "Boulton's letter to James Watt Jr. concerning Bull's case, and his intended visit to London."*
2. Letter. Matthew Boulton (London) to James Watt Jr. (Soho). 18 May 1795.  
*Docketed "Daniel, Vivian, Wilson, Foxes in London. Pressure of business. J. Watt Jr. to repair to London forthwith. Buttons, trees etc. Edghill's copying machine."*

3. Letter. Matthew Boulton (London) to James Watt Jr. (Soho). 11 Jun. 1795.  
*Docketed "Boring mills. Purchase of Kennedy's land. K chler." Summarised "Concerning boring machine. The purchase of land. Re. Mr. K chler and the dies."*

4. Letter. Matthew Boulton (London) to James Watt Jr. (Soho). 12 Jun. 1795.  
*Docketed "Kennedy's land. William Wilkinson."*

5. Letter. Matthew Boulton (Soho) to James Watt Jr. (at William Wilkinson's, The Court near Wrexham). 20 Sep. 1795.  
*Re-directed to James Watt Jr. at Soho. Summarised "Concerning the price of castings, and the manner in which they are rated. A great quantity of bricks purchased. To consider the Foundry."*

**3/19 Letters to James Watt, James Watt Junior, M R Boulton, 1796 (12 items)**

M. R. Boulton and Watt Jr. docketed these letters with Matthew Boulton's name and the date of the letter. At a later date Gregory Watt added summaries of the contents once the letters had been brought together to form a bundle. The only exceptions are the final two letters from Boulton to Watt Jr., which Watt Jr. summarised himself.

1. Letter. Matthew Boulton (London) to James Watt (Heathfield). 22 Mar. 1796.  
*Forwarded to M. R. Boulton.*  
*Docketed "Letter from Eckhardt. Hornblower and gilt chariot." Summarised "Boulton in company of Eckhardt concerning the trial, bill will be now carried to the Lords. Eckhardt says Hornblower called at his lodging in a fine gilt chariot."*

2. Letter. Matthew Boulton (Soho) to M. R. Boulton (at Thomas Jones', Manchester). 12 May 1796.  
*Docketed "On Thackeray and an application of Mr. James Mort." Summarised "Concerning the erection of several engines by Bateman. Re. Thackeray. Mr. J. Mort, 8 Tib Street, Manchester, informs us he is erecting a pirate engine."*

3. Letter. Matthew Boulton (Soho) to M. R. Boulton (at Thomas Jones', Manchester). 13 May 1796.  
*On the same sheet:*  
Transcript of affidavit of Jos. Thackeray and Richard Bradley, sworn before William Eccles, Manchester, 5 May 1796.  
*Docketed "Mentions 10 affidavits made by the Hornblowers and co. and containing a copy of an affidavit of Thackeray's." Summarised "Concerning Hornblower's, Maberley, Thackeray and Bradley."*

4. Letter. Matthew Boulton (Soho) to M. R. Boulton (at Thomas Jones', Manchester). 14 May 1796.  
*Docketed "Mentions letter from Garshaw Wetherall & Co. Queries to be made concerning Thackeray's engine. Letter from Daniel Burton & Son." Summarised "Concerning Thackeray's engine. Mr. Burton & Son, Manchester send word that they have nearly erected one of Bateman & Sherratt's engines."*

5. Letter. Matthew Boulton (Soho) to M. R. Boulton (at Thomas Jones', Manchester). 25 May 1796.  
*Docketed "Delays in Chancery. John Wilkinson. Gilpin. Mort." Summarised "Concerning pirate engines. Mentions moulders for Soho Foundry."*

6. Letter. Matthew Boulton (Soho) to M. R. Boulton (Manchester). 2 Jun. 1796.  
*Docketed "Agreement with Thackeray." Summarised "Settles peaceably with Thackeray. Mr. Boulton Jr. to visit the wharf and see what castings are there. I suspect Wilkinson is exporting our engines."*

7. Letter. Matthew Boulton (—) to M. R. Boulton (at Thomas Jones', Manchester). "Friday Morning" [3 Jun. 1796].

*Docketed "Agreement with Thackeray." Summarised "Thackeray visits Soho. Boulton's remarks thereon to his son."*

8. Letter. Matthew Boulton (Soho) to M. R. Boulton (at Thomas Jones', Manchester). 7 Jun. 1796.

*Docketed "Letter from Mr. Lambton enclosing one from Mr. Featherstonhaugh." Summarised "Thackeray's alteration in his engine and his return to the air pump and condenser. John Boness' shop has been robbed. Conversation with Mr. Lambton upon the Newcastle pirates."*

9. Letter. Matthew Boulton (Soho) to M. R. Boulton (Manchester). 20 Jun. 1796.

*Docketed "Mentions letters from Mr. Weston. Castings at the Foundry. Order of engine by Mr. Johnson." Summarised "Boulton's bad leg. A new nozzle in one piece has been cast at the Foundry. Concerning workmen for the Foundry. Mr. Lutwich orders a 4 horse power engine for Charles Johnson at Hides Cross, Manchester. Boulton acts as umpire in a water course dispute near Walsall. Re. Dr. Garnet."*

10. Letter. Matthew Boulton (Soho) to James Watt Jr. (at Mrs. Matthews', London). 28 Nov. 1796.

*Docketed "List of jury. Wilson. Southern. Murdock. Hateley's Bristol engine. Work to be done by 84 lbs. of Newcastle coals." Summarised "Remarks to J. Watt Jr. concerning the intended trial. Boulton and Murdock will come to London in Boulton's easy chaise, as Murdock's back is not firm. The Bristol people are erecting pirate engine. Remarks upon the duty performed by Boulton & Watt engines."*

11. Letter. Matthew Boulton (Soho) to James Watt Jr. (13 London St.). 1 Dec. 1796.

*Docketed "With copy of letter to John Wilkinson (see letter book)." Summarised "Boulton and Murdock will set out for London. Commence boring a cylinder at Soho Foundry. Mentions Brymbo. Remarks upon the witnesses for the intended trial."*

12. Letter. Matthew Boulton (Soho) to James Watt Jr. (13 London St.). 2 Dec. 1796.

*Docketed "With copy of our first letter to Hornblower and Maberley." Summarised "Mr. Smalley journeys to London, as a witness. Boring goes on well."*

**3/20 Letters to James Watt, 1797 (5 items)**  
**(no correspondence found for 1798)**

1. Letter. Matthew Boulton (London) to James Watt (Soho). 6 Mar. 1797.

*This letter was forwarded to M. R. Boulton.*

*Docketed "Arrival in London. Treasurer. Proposes buying £2000 of dollars as the nominal value at which they were to be issued was less than their value as bullion."*

2. Letter. Matthew Boulton (London) to James Watt (Heathfield). 7 Mar. 1797.

*This letter was forwarded to M. R. Boulton.*

*Docketed "Encloses guinea note. Coinage."*

3. Letter. Matthew Boulton (13 London St.) to James Watt (Heathfield). 10 Mar. 1797.

*Mis-dated by Matthew Boulton as 1796.*

*Docketed "Scheme of a copper coinage abandoned by ministry. Confusion at the Bank. Scarcity of dollars and small notes."*

4. Letter. Matthew Boulton (London) to James Watt (Heathfield). 13 May 1797.

*The letter was forwarded to M. R. Boulton.*

*Docketed "Conversation of the Chief Justice with Mrs. Vere. Sargeant Adair recommends delay. New motion of Le Blanc."*

**5a.** Letter. Matthew Boulton (London) to James Watt (Heathfield). 27 May 1797.  
*Enclosing (b) below. Summarised "Boulton will not return until he has 'the King's warrant to empower him to coin.' Enclosed is a note from Aimé Argand. The Borough Water Works engine works well, the mains not large enough. Visits Meux's brewery, and remarks thereon, chiefly about Maberley."*

**b.** Note. Aimé Argand to Boulton & Watt.  
*Introducing Mr. Maurice of Geneva, who has discovered a method of concentrating wine with Mr. Montgolfier.*

**3/21 Letters to James Watt, James Watt Junior, M R Boulton, 1799 (8 items)**

**1.** Letter. Matthew Boulton (Soho) to James Watt (13 London St.). 5 Jan. 1799.  
*Docketed "Cold weather. Foundry Poor Rates. Proceedings in King's Bench."*

**2.** Letter. Matthew Boulton (Soho) to James Watt Jr. (13 London St.). 22 Jan. 1799.  
*Docketed "Excuses himself for not attending upon the next Argument. Quandary about Poor Rates. Application to Parliament."*

**3.** Letter. Matthew Boulton (Soho) to James Watt (13 London St.). 24 Jan. 1799.  
*Docketed "Ill health and Poor Rates."*

**4.** Letter. Matthew Boulton (Soho) to James Watt (13 London St.). 6 Feb. 1799.  
*Docketed "Loan to Dr. Withering. Donation to A. W. [Ambrose Weston]."  
Hazleton has added "Removal of the coining presses to the new Mint. Also other remarks upon coinage."*

**5.** Letter. Matthew Boulton (Soho) to James Watt (13 London St.). 10 Feb. 1799.  
*Docketed "Respecting the new question in Chancery."*

**6.** Letter. Matthew Boulton (Soho) to James Watt (13 London St.). 17 Feb. 1799.  
*Is very busy – asks James Watt for as much time as possible before he has to come to London. Remarks on going before Parliament. Fears T. Williams will be against them.*

**7.** Letter. Matthew Boulton (London) to James Watt (Heathfield). 18 Mar. 1799.  
*Docketed "Proposes returning here – state of his health. Observations on income tax."*

**8.** Letter. Matthew Boulton (—) to M. R. Boulton (Soho). 1 Nov. 1799.  
*Docketed "Wishing Mr. Lockwood to be furnished with an estimate of a double 57 inch. The Chancellor and other state officers whose signatures witness to his warrant not returned to Town. Portrait and character of Sueverrow". Hazleton has added "not like Boulton's medal."*

**3/22 Miscellaneous Letters and Papers, 1783 to 1790s (11 items)**

**1.** Letter (draft). Matthew Boulton (Chacewater) to Matthew Wills "of Hellston." 3 Feb. 1783.  
*Proposals for an engine. The first page of the letter is taken up with calculations.*

**2.** Part of a draft of a paper on Watt's engine. Not dated.  
*The page begins "Fourthly — I [i.e. Watt] intend in many cases to employ the expansive force of steam..." This page was found among letters of 1784.*

**3.** Memorandum concerning problems with the Coalbrookdale Co.'s engine.  
Not dated [circa 1785].

**4.** Letter. Matthew Boulton (—) to James Watt [?]. Not dated [1780s?].  
*The middle of the sheet is missing.  
Docketed by Watt "Mr. Boulton's new tables of effects of engines." [Details of the performance of various Cornish engines. Written from the Chacewater ticketing.]*

5. Letter (draft). Matthew Boulton (—) to "G. Mason" (—). Not dated [1780s?].  
*Docketed "I think but am not sure that this was wrote to Gilbert Mason." [Gilbert Meason of Wanlockhead?]*
- 6a. Memorandum. Agreement to dissolve the Birmingham Metal Warehouse. 18 Sep. 1790.  
*Kept with (b) and (c) below.*  
*In Matthew Boulton's hand. Signed by Boulton, Watt and John Hurd.*
- b. Memorandum. Minutes of Special General Meeting of the Birmingham Metal Company.  
"Hotel," 26 Oct. 1785.  
*Docketed "Minutes – meeting of Brass Company."*
- c. Printed memorandum. Proprietors of the Birmingham Metal Company. Not dated.
7. Letter (draft). Boulton & Watt (London) to the partners of Pasqual Mensa y March. 4 Jan. 1791.  
*In Matthew Boulton's hand.*
8. Memorandum. Facts and Calculations on the Rodstoke [Radstock] engine. Not dated.  
*Docketed "Radstock calculations."*  
*On the same sheet:*  
A Comparative View of the effects of one bushel of coal in different engines in raising water to equal heights.
9. Draft. Paper on Jonathan Hornblower's engine at Tincroft. Not dated [incomplete?].
10. Memorandum. Letters to write. Not dated.  
*List of people to write to including various Lords, business correspondents etc.*
11. Memorandum. Note of various patents [?].

**MS 3147/3/23-32: Correspondence from James Watt, 1777-1816**

**3/23 Letters to Matthew Boulton, 1777 (17 items)**

1. Letter. James Watt (Bedworth) to Matthew Boulton (—). 28 Feb. 1777.
2. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London). 14 Apr. 1777.
3. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London). 16 Apr. 1777.  
*Watt completed this letter on 17 Apr.*
4. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London). 17 Apr. 1777.
5. Letter. James Watt (—) to Matthew Boulton (6 Green Lettice Lane, London). 20 Apr. 1777.  
*Summarised "Mentions the Bedworth and Bloomfield engines. Boulton to get proper information for French patent."*
6. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London). 21 Apr. 1777.
7. Letter. James Watt (—) to Matthew Boulton (6 Green Lettice Lane, London). 26 Apr. 1777.  
*Summarised "Soho better than ever was since the Creation. Tormented with headaches. Henderson to call about Tingtang piston rod."*
8. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London). 28 Apr. 1777.

9. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London).  
4 May 1777.

*On the same sheet:*

Estimate for a new fire engine for Chelsea Water Works.

10. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London).  
6 May 1777.

*Summarised "Stand to your tackling with these damned committees." Mentions John Scott, Chelsea, Richmond and Salmon's engine. The Birmingham Navigation Co. have thrown over the reservoir scheme for the two engines."*

11. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London).  
9 May 1777.

*Boulton used the outside of the sheet for notes on the performance of the Chelsea engine, 11 May.*

Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London).  
10 May 1777.

*This letter was removed from this bundle by George Tangye and presented to the American Institute of Mechanical Engineers in 1910. For photographs of the letter see the Samuel Timmins albums.*

12. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London). 14  
May 1777.

13. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London).  
15 May 1777.

14. Letter. James Watt (—) to Matthew Boulton (—). 16 May 1777.

15. Letter. James Watt (—) to Matthew Boulton (6 Green Lettice Lane, London).  
18 May 1777.

16. Letter. James Watt (Birmingham) to Matthew Boulton (6 Green Lettice Lane, London).  
20 May 1777.

17. Letter. James Watt (Chacewater) to Matthew Boulton (Soho). 30 Aug. 1777.

**3/24 Letters to James Watt Junior, 1795 (32 items)**

1. Letter. James Watt (Heathfield) to James Watt Jr. (6 Green Lettice Lane, London).  
9 Jan. 1795.

*Docketed "Mr. T. Parker, Drake St., Red Lion Square. Letter from Mr. Wilson with remittance etc." Summarised "Concerning Mr. Parker and his visit, Watt presumes about pneumatic apparatus. The letter from Wilson with remittance from Cornish Metal Co., says houses are fixtures but not engines. Good ground to proceed against Consolidated Mines."*

2. Letter. James Watt (Heathfield) to James Watt Jr. (6 Green Lettice Lane, London).  
12 Jan. 1795.

*Docketed "Mentions his intention of consulting Mr. Boulton on letter to Poldice and on retaining Mr. Mansfield."*

3. Letter. James Watt (Heathfield) to James Watt Jr. (6 Green Lettice Lane, London).  
13 Jan. 1795.

*Docketed "Mr. Mansfield being retained or not to be referred to Mr. Weston. Poldice and Consolidated Mines. Hope Mr. Weston ready for argument in Common Pleas."*

- 4.** Letter. James Watt (Heathfield) to James Watt Jr. (6 Green Lettice Lane, London).  
15 Jan. 1795.  
*Docketed* "On the mis-recital of the Act. Willingness that the argument come on. Mr. Weston to be guided by his own prudence in regard to the other actions. Wishes James and M. R. Boulton to return home previous to the argument."  
*Summarised* "Watt's remarks upon his specification. Has written Dr. Beddoes."
- 5.** Letter. James Watt (Birmingham) to James Watt Jr. (6 Green Lettice Lane, London).  
19 Jan. 1795.  
*Docketed* "Resolutions of Poldice. Bad state of his health." *Summarised* "Watt is prepared for the worst in Common Pleas. Concerning Poldice, remarks upon Bull's proceedings. Gives account of his illness and about his proposed journey to London."
- 6.** Letter. James Watt (Heathfield) to James Watt Jr. (6 Green Lettice Lane, London).  
21 Jan. 1795.  
*Docketed* "Intention of coming to London. Wilson's tribulation. Mr. Parker and the floating scheme." *Summarised* "Watt intends visiting London. Wilson wishes to borrow money. Mr. Parker and the floating scheme – Watt says it has been tried by us 20 years ago, being an invention of Henderson's."
- 7.** Letter. James Watt (Heathfield) to James Watt Jr. (6 Green Lettice Lane, London).  
22 Jan. 1795.  
*Docketed* "Directions for procuring lodgings. Papers dispatched by the Mail coach."  
*Summarised* "Concerning lodgings for Watt and his wife and servant in London. Names the servants."
- 8.** Letter. James Watt (London) to James Watt Jr. (—). 30 Apr. 1795.  
*Docketed* "Safe arrival in Town. Mr. Anstruther. New River Head piston rods etc. found."  
*Summarised* "Watt arrives in London. Visits several persons, to converse with them concerning the intended trial. Mentions the New River Head Water Works piston rod and buckets."
- 9.** Letter. James Watt [London] to James Watt Jr. (Soho). 1 May 1795.  
*Docketed* "Whitbread's nozzles. Wilson's letter concerning the Foxes. John Wilkinson and his own journey to London. Ramsden. Buller's resuscitation. Mrs. Matthews and the L. C."  
*Summarised* "Remarks on the nozzles for Mr. Whitbread. Concerning the prices of castings from the different firms. North Downs require their engine to be built upon the plan suggested by Murdock. They will absolve us of all blame, if it goes wrong."
- 10.** Letter. James Watt (London) to James Watt Jr. (Soho). 4 May 1795.  
*Docketed* "New form of agreement must be adhered to. Boring to be considered on. Parker's hints respecting Chancery. The uses of his machine. Sergeant Adair. Opinions of the judges." *Summarised* "Copying press received, remarks thereon. Remarks upon agreements. The boring he will consider. Remarks upon the trial with Bull."
- 11.** Letter. James Watt (London) to James Watt Jr. (Soho). 7 May 1795.  
*Docketed* "Mr. Smith wanting a man to erect his engine. No law intelligence."  
*Summarised* "Concerning McGrigor's illness (Mrs. Watt's father I presume). Mr. Smith wishes to send Murdock's relation to erect his engine. Watt desires one of the Soho men to erect it."
- 12.** Letter. James Watt (London) to James Watt Jr. (Soho). 8 May 1795.  
*Docketed* "£991 received from Tate & Co. Mr. & Mrs. Cochrane. Mr. Weston on Brockliss' acceptance." *Summarised* "William Tate & Co. send £991. Concerning the visit to Birmingham of Watt's cousin Mr. Cochrane, who, with 3 sisters, are all the relatives Watt has by his father's side. Mrs. Watt distressed about her father."
- 13.** Letter. James Watt (London) to James Watt Jr. [Soho]. 9 May 1795.  
*Summarised* "Remarks upon the premiums due from several customers. North Downs air pump to be of brass."

- 14.** Letter. James Watt (London) to James Watt Jr. (Soho). 12 May 1795.  
*Docketed "Rennie's man Murdock. Letter from Gardner. Boring machines. Boilers crust with salt water not rust – remedy. Price of lead. Foxes. Buller. Ramsden. Mr. Hudson wants an engine." Summarised "Remarks upon the corrosion and encrustation of boilers. Murdock's relative to erect Smith's engine. Mentions Gardner, Brockliss and the Foxes of Cornwall. Hudson, distiller, Battersea requires an engine."*
- 15.** Letter. James Watt (London) to James Watt Jr. (Soho). 13 May 1795.  
*Docketed "Copies of Gardner & Manse's letters sent with this. Decision put off. Supposed reasons for it." Summarised "Gardner & Manse backward in their payments, interest on the delay to be calculated. To face them. Concerning the decision of the Court. Remarks upon the Heathfield garden for his servant John."*
- 16.** Letter. James Watt (London) to James Watt Jr. (Soho). 14 May 1795.  
*Docketed "Lead to remain at Hull. Letter from Jefferies and Cameron on their patent. Mr. and Mrs. Cochrane. Sir John Dalrymple." Summarised "Boulton with the King taking orders for a medal. Remarks upon the crank. Watt saw one at work about 1760. Remarks upon the engines for raising coal or ore and concerning infringements. Southern to look the matter up."*
- 17.** Letter. James Watt (London) to James Watt Jr. (Soho). 15 May 1795.  
*Mis-dated as Apr. by Watt.*  
*Docketed "Decision to be tomorrow. Lord Chief Justice and Buller's animosities. Does not understand the charcoal rotting the cloth. Hornblower's letters. Price and wharfage of lead. Cameron's patent, letter to Jefferies." Summarised "The judges have hot words, hopes they will not ruin us. The Foxes will not pay. Concerning spontaneous inflammation. Re. Mr. Hornblower. Concerning the winding engine. Boulton fully employed with his medals and the ladies. Remarks upon the boring machine."*
- 18.** Letter. James Watt (London) to James Watt Jr. (Soho). 16 May 1795.  
*Docketed "Remarks on the speeches of the judges. North Downs nozzles to be prepared."*
- 19.** Letter. James Watt (London) to James Watt Jr. (Soho). 18 May 1795.  
*Docketed "Mrs. Vere's conversations with the Lord Chief. Copying machine for Edgehill." Summarised "Mrs. Vere's remarks to the Chief Justice and his answers, concerning the trial. Copying press for present of Edgehill the judge's nephew. Watt's cousins with him."*
- 20.** Letter. James Watt (London) to James Watt Jr. (Soho). 19 May 1795.  
*Docketed "Walker Fishwick & Co. want an engine. Daniel, Vivian and two Foxes in Town. Wishes James Watt Jr. and M. R. Boulton to hasten to Town. State of law affairs."*
- 21.** Letter. James Watt [London] to James Watt Jr. (Soho). 2 Jun. 1795.  
*Docketed "Hall's offer to sell Boulton & Watt his engine. Conversation with Fishwick [ - orders 16 horse engine]. Letter from Lawson. Drawing of Bull's Poldice engine from Murdock."*
- 22.** Letter. James Watt (London) to James Watt Jr. (Soho). 6 Jun. 1795.  
*Docketed "Copying machine to Mr. Court. Evaporator. Mr. Fishwick's order. Oiled silk. Law business. Gardner & Co.'s remittance." Summarised "Mr. Court, Trinity House, London to have a copying machine. Concerning the evaporator. Mentions Dr. Gulsch, Mr. Dudgeon and Mr. Fishwick. Bought oiled silk. Going to Croydon. Bills filed – United Mines, Consolidated Mines and Ding Dong."*
- 23.** Letter. James Watt (London) to James Watt Jr. (Soho). 9 Jun. 1795.  
*Docketed "James Law Jr.'s stupidity. G. Taylor's obstinacy. Method to proceed with Sir H. Liddel. Birmingham little engine. Directions to Glover." Summarised "Concerning workmen. Sir H. Liddel's engine. Some contrivance ought to be put up to grind cylinders at a less expense than by hand. The Birmingham little engine (canal I presume). Remarks to Glover upon the new out-buildings at Heathfield."*

- 24.** Letter. James Watt (London) to James Watt Jr. (Soho). 11 Jun. 1795.  
*Docketed "The land to stand till his return. Proceedings against Dumbell. Injunction against Ding Dong. Attachment against Trevithick." Summarised "Concerning the purchasing of land (presumably for Soho Foundry). Injunction obtained to stop Ding Dong. Trusts we shall be able to bring up from Cornwall to the Fleet Trevithick and Bull."*
- 25.** Letter. James Watt (London) to James Watt Jr. (Soho). 13 Jun. 1795.  
*Docketed "Cylinder to be cast for Wetherall's. A letter to Marshall & Benyons from the Westons. To Mr. Southern on smoking engines not being prosecuted. Remarks on Murdock's drawings of the engine." Summarised "Mentions Dr. Beddoes, Wetherall's, Marshall & Benyons, and Westons. Concerning the smoking of chimneys, in answer to Southern. Murdock's drawing will do, but Watt 'very much dislikes the cylinder being over the shaft.' Is going to Croydon."*
- 26.** Letter. James Watt (Keswick) to James Watt Jr. (Soho). 2 Sep. 1795.  
*Docketed "Occurrences at Manchester and on the road to Keswick."  
Summarised "Concerning the pneumatic apparatus. Arrival at Kendal. Watt gives the fossilology of the place. Mentions Rennie, Dr. Percival, Dr. Ferriar, Mr. Henry and Mr. Lee and engine."*
- 27.** Letter. James Watt (Wemyss Bay) to James Watt Jr. (Soho). 6 Sep. 1795.  
*Docketed "Indifferent state of the engines at Workington. Mr. Southern's journey there may be beneficial." Summarised "Watt arrives at Wemyss Bay. Visits Mr. Hamilton. Had not much satisfaction in his call at Workington, most of the engines being in very indifferent order. Thinks a visit by Southern may be useful."*
- 28.** Letter. James Watt (Wemyss Bay) to James Watt Jr. (Soho). 11 Sep. 1795.  
*Docketed "On purchases proper to be made at Bersham. Pneumatic medicines etc."  
Summarised "Concerning foundries, and the buying of machines at the sale. Remarks upon the using of the pneumatic apparatus. Watt gives account of [?] and the fossilology of the place."*
- 29.** Letter. James Watt (Wemyss Bay) to James Watt Jr. (Soho). 13 Sep. 1795.  
*Docketed "Proceedings to be followed towards Cornwall."  
Summarised "Concerning Cornish mines and money matters, giving the amounts they will have to pay, as their evasions are frustrated."*
- 30.** Letter. James Watt (Glasgow) to James Watt Jr. (Soho). 17 Sep. 1795.  
*Docketed "Account of Carron." Summarised "Watt proposes taking shares in the Carron Iron Works. Will visit the works, to gain information for the Smethwick Foundry. Has seen a Foundry at Greenock about 40 x 50 feet. Gives details of the pains in his breast."*
- 31.** Letter. James Watt (Glasgow) to James Watt Jr. (Soho). 28 Sep. 1795.  
*Docketed "Remarks on plan of Soho Foundry. John Wilkinson. Murdock etc."  
Summarised "The Highland journey put off. Remarks upon the plan of the intended new foundry (Soho Foundry). Sorry Wilkinson is ruining himself. Grieved Murdock is leaving Cornwall, will see they day when they repent their proceedings. Concerning the buying of cylinders and Coalbrookdale."*
- 32.** Letter. James Watt (Glasgow) to James Watt Jr. (Soho). 9 Oct. 1795.  
*With label attached marked "All these letters are from J. Watt to his son James 1795."  
Docketed "John Wilkinson. Mr. F.'s offer. Proposes returning home." Summarised "Chiefly concerning debts of John Wilkinson and others."*

- 1.** Letter. James Watt (Heathfield) to James Watt Jr. (13 London St.). 5 Jan. 1796.  
*Mis-dated as 5 Dec. by Watt.*  
*Docketed "On the danger of making too free with injunctions and on the conduct to be pursued towards Peareth." Summarised "Not to make too free with injunctions. The engines may by this time be altered which will make it difficult to proceed. Not to proceed against small pirates. "We did not attack Symington because his invasion was not so clear and because his engines were bad ones and very expensive"."*
- 2.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 18 Jan. 1796.  
*Docketed "Wishes James Watt Jr. to return to Soho previous to going on his journey." Summarised "Watt Jr. to return to Soho before taking his intended journey. 'It gives us satisfaction that the injunctions have been so readily granted' – we must make them effectual."*
- 3.** Letter. James Watt (Soho) to James Watt Jr. (at Thomas Barnes', Walker Colliery Office, Newcastle). 3 Feb. 1796.  
*Docketed "Approves of conduct with respect to Peareth. Letter from Dawson. Elwell's attorney. Hints respecting information to be gained at Newcastle." Summarised "Our business to stop encroachments, not to proceed against and make enemies. Elwell has not been a partner in the Bowling works for years. Watt's remarks upon information he requires from the district of Newcastle upon Tyne."*
- 4.** Letter. James Watt (Soho) to James Watt Jr. (Messrs. Wormald Fountain & Gott, Leeds). 9 Feb. 1796.  
*Docketed "Proceedings against Sturges and Paley. Letter to Wilson respecting Daniel. Dayus' explanation of Fenner & Flint's engine." Summarised "Don't like proceeding against Sturges. Paley should be served immediately. Not to converse with Leeds pirates. Concerning Daniel and the Cornish mine. Mylne has a fresh list of pirates. Fenner & Flint wish us to examine their engine."*
- 5.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 12 May 1796.  
*Docketed "Bateman & Thackeray. Albion Mill. Letter from Wilson." Summarised "Essential to bring Albion Mill to a close. Concerning Poldice proposals. Simpson & Barton remit £230. Mentions his son Gregory, and Mrs. Matthews and Beechey. To bring few pounds copal and bruised amber."*
- 6.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 14 May 1796.  
*Docketed "Bramah's engine. Thoughts on a new trial." Summarised "Sketch of Bramah's engine, and mentions other infringements. Hornblower Watt will state in his affidavit. The thoughts of a new trial are like thoughts of death. Concerning Maberley."*
- 7.** Letter. James Watt (Soho) to James Watt Jr. [13 London St.]. 16 May 1796.  
*Docketed "Solicitation to correspond with monthly magazine." Summarised "Gregory Watt's return to Soho. Peggy brought to bed of a boy. Letter from Johnsons, St. Paul's Churchyard, soliciting accounts of engines and copying machines etc. for the monthly magazine."*
- 8.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 17 May 1796.  
*Docketed "Mentions Southern's ill success with Thorneycroft. Letters from Barnes, Fawcett, Rothwell, Marshall & Benyon and Wilson." Summarised "Mentions letters from several persons. Southern did not succeed in getting Thorneycroft to come yesterday. Rothwell wants a corn mill engine."*
- 9.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 19 May 1796.  
*Docketed "Brown's affidavit. Rosin for rendering the piston air tight. Bromley's treachery."*
- 10.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 23 May 1796.  
*Docketed "Encloses letter from Mr. Wilkinson and answer thereto. Thackeray. Elopement of Tom Bromley and his trunks." Summarised "Tom Bromley has proved too many for us, he has got away his boxes and we apprehend drawing of your lathe. Concerning Thackeray and other slight law matters."*

- 11.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 25 May 1796.  
*Docketed "Remittance of £500 from Hawkes & Co., £90 from John Lees. Bateman and Thackeray." Summarised "Pirates seem panic-struck. Bateman and Thackeray's engine is undergoing alteration. M. R. Boulton sends £90 from John Lees, and we have £500 from Hawkes & Co. Trusts Watt Jr.'s letter will prove salutary."*
- 12.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 26 May 1796.  
*Docketed "Thackeray's duplicity." Summarised "Thackeray comes with a pitiful tale. Pleading ignorance and on being told he had sworn otherwise, said that was his attorney's doing. About the Cark engine."*
- 13.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 27 May 1796.  
*Docketed "Objection to treating with Stockdale. Law trunk. Archibald Ward in treaty for Dennison's engine. Lambton." Summarised "Concerning Hornblower and Mr. Lambton. Mr. Dennison's engine. Messrs. Walker & Maltby. Stockdale's engine."*
- 14a.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 30 May 1796.  
*With (b) below attached. Docketed "Submission of Bateman's customers. Thackeray's obstinacy. Letter to William Wilkinson concerning treating with Stockdale. Bramah's paragraph enclosed."*
- b.** Cutting from *The Times*, 30 Jun. 1795.  
*Concerning Rowntree's engine constructed on the principle of Bramah's patent balloon engine.*
- 15.** Letter. James Watt (Soho) to James Watt Jr. (London). 1 Jun. 1796.  
*Docketed "Mentions letter from Daniel Burton & Son wishing to capitulate. Letter from John Cuthebertson. On the adjustment of premiums." Summarised "Concerning the premiums to be charged for small pirate engines. To go on less expensively at the Foundry. About John Cuthebertson and his brother's correspondence from Rotterdam. Re. Mr. Stockdale. Daniel Burton & Son offering to capitulate."*
- 16.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 2 Jun. 1796.  
*Docketed "Stockdale's arrival at Birmingham. Conference with him. Thackeray present after him and letter." Summarised "Concerning a steam wheel. William Wilkinson and Stockdale at Soho. About their infringement by using Roe's and Thackeray's engine, remarks thereon. Watt would like to be rid of infringements and end his life in peace."*
- 17.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 3 Jun. 1796.  
*Docketed "Thackeray's entire submission. Letters from Wilson. Thackeray's information concerning Sutcliff's conspiracy." Summarised "Concerning the submission of pirates, and Watt's remarks thereon. The Yorkshire people are collecting subscriptions to petition Parliament to buy us out, if so we shall be gentlemen at large."*
- 18.** Letter. James Watt (Heathfield) to James Watt Jr. (13 London St.). 5 Jun. 1796.  
*Docketed "Doubts Maberley will not submit. Professor Jardine. Peter Ewart's account of Thackeray and Bateman's proceedings." Summarised "Maberley's submission doubtful. He is the tool of Hornblower and adherents. Professor Jardine willing to take oath that Dr. Roebuck was not the inventor of the improvement. Thackeray's proceedings insane. Fenner & Flint's engine."*

**19.** Letter. James Watt (Soho) to James Watt Jr. (care of James Miller, St. Andrew's Square, Glasgow). 15 Jun. 1796.

*On the same sheet:*

Transcript of letter. John Goodchild (Pallion, near Sunderland) to James Watt Jr. [Soho]. 8 Jun. 1796.

*Docketed "Copy of letter from Goodchild. Directs James Watt Jr. to call upon him on his return home." Summarised "Concerning Hornblower's engine for Mr. John Nesham, and his submission. Weston has summoned Meux & Co. to appear before him. Mr. Pickernell's enquiry for a dredging engine (for Sunderland Harbour I presume)."*

**20.** Letter. James Watt (Heathfield) to James Watt Jr. (care of James Miller, St. Andrew's Square, Glasgow). 16 Jun. 1796.

*Docketed "Continuation of injunction against Maberley. New trial granted. Nesham's executors." Summarised "Watt considers a trial with Maberley must quickly come about, owing to his obstinacy. John Price to go to Nesham's engine."*

**21.** Letter. James Watt (Soho) to James Watt Jr. (care of Wormald & Co., Leeds). 23 Jun. 1796.

*Docketed "Preparations to be made for a new trial. Soho Foundry." Summarised "Concerning Mr. Miller and children. Must prepare for a vigorous defence in Common Pleas. Engineers to be secured to prevent them joining the enemies. Boulton with crutches. A small double nozzle cast at Soho Foundry."*

**22.** Letter. James Watt (Soho) to James Watt Jr. (care of Wormald & Co., Leeds). 24 Jun. 1796.

*On the same sheet:*

Transcript of letter. Fenner & Flint (Canterbury) to A. & J. Weston. 21 Jun. 1796.

*Docketed "Copy of letter from Fenner & Flint. Thoughts on it. Preparations for trial." Summarised "Expects Muirhead. Watt's remarks upon the intended Hornblower & Maberley trial."*

**23.** Letter. James Watt (Soho) to James Watt Jr. (care of Wormald Fountain & Gott, Leeds). 27 Jun. 1798.

*Docketed "Albion Mill business. Leeds etc." Summarised "Concerning Mr. Miller and children. Mr. and Mrs. Muirhead at Heathfield. Concerning the sale of the Albion Mills and £8000 debt for roofing timber."*

**24.** Letter. James Watt (18 Circus, Bath) to James Watt Jr. (Soho). 11 Jul. 1796.

*Docketed "Sturges & Co. Peareth. Dr. Ewart etc. etc." Summarised "Watt at Bath. To send Dr. Ewart a pneumatic apparatus. Pleas'd his son has returned to Soho. With Muirhead. The Duke of York at Bath. Does not wish to meet Peareth."*

**25.** Letter. James Watt (18 Circus, Bath) to James Watt Jr. (Soho). 14 Jul. 1796.

*Mis-docketed as 14 Jun. by Watt Jr. On the same sheet:*

Letter. Ann Watt [Bath] to James Watt Jr. 14 Jul. 1796.

*Docketed "Albion Mill. Maberley. Weston. John Wilkinson. Thackeray. Cornwall. Foundry." Summarised "Speaks of Cochrane's death. The Albion Mill and Sir J. Call. Maberley. Trevithick to be made a friend. Drawn deeply on the bank. Mentions the Soho Foundry. Mr. and Mrs. Muirhead and Miss Campbell mentioned."*

**26.** Letter. James Watt (Bath) to James Watt Jr. (Soho). 17 Jul. 1796.

*Docketed "On Foundry law etc. Proposes leaving Bath." Summarised "Watt very sad at the death of his esteemed relation Mr. Cochrane. Interesting remarks of caution to his son, concerning Soho Foundry."*

**27.** Letter. James Watt (Bath) to James Watt Jr. (Soho). 22 Jul. 1796.

*Docketed "Maberley and Hornblower. Return home." Summarised "Setting out for Bristol. The Prince of Wales at Bath. Watt buys two landscapes from a friend of his son's. Thinks Maberley should be convinced what a scoundrel Hornblower is. Return to Soho. Miss Campbell mentioned."*

- 28.** Letter. James Watt (Soho) to James Watt Jr. (Truro). 7 Sep. 1796.  
*Docketed "General advice how to proceed with the Cornish people." Summarised "Remarks upon the Trevithicks' character. Remarks upon Maberley and Cornish matters. Mentions Murdock, Bull and several Captains."*
- 29.** Letter. "Boulton & Watt" [Soho] to "Boulton & Watt Juniors" [Truro]. 8 Sep. 1796.  
*On the same sheet:*  
 Letter. Thomas Wilson (Heathfield) to "Boulton & Watt Juniors". 8 Sep. 1796.  
*In James Watt's hand.*  
*Docketed "Advice how to proceed in Cornwall." Summarised "Advising what persons to consult with, and those not, especially Trevithick who will betray them."*
- 30.** Letter. James Watt (Soho) to James Watt Jr. [Truro]. 10 Sep. 1796.  
*Docketed "Weston's sentiments upon the meeting with Maberley. Fishwick's remittance. Mr. Keir wants an engine, Mr. Leeming ditto. William Wilkinson offers more of his brothers' men." Summarised "The performance of the Mint fire place. Mentions several engines wanted. Remarks upon the law suit and other Soho information."*
- 31.** Letter. James Watt (Soho) to James Watt Jr. [Truro]. 14 Sep. 1796.  
*On the same sheet:*  
 Letter. Matthew Boulton [Soho] to "Boulton & Watt Juniors". 14 Sep. 1796.  
*Docketed "Maberley's new proposals. G. Gilpin's visit to Soho etc. etc." Summarised "From J. W. respecting Maberley's proposals for payment on engines erected by them. From M. B. concerning Gilpin's son and other local information. To scramble through the last 3½ years of patent."*
- 32.** Letter. James Watt (Soho) to James Watt Jr. (care of Thomas Wilson, Truro). 15 Sep. 1796.  
*Docketed "Upon Maberley's proposals. Upon Cornish affairs." Summarised "Concerning the Cornish pirates. Interesting remarks of Watt's about Cornish mine engines."*
- 33.** Letter. James Watt (Soho) to James Watt Jr. (Thomas Wilson's, Truro). 21 Sep. 1796.  
*Docketed "Mentions letter to Maberley. Mrs. Matthews' cash account. Wyatt's demands. Doubts of young Trevithick." Summarised "Will not be able to make any good of young Trevithick. Demands upon us for cash. Soho Foundry building expenses to be curtailed. Will soon leave for Scotland."*
- 34.** Letter. James Watt (Soho) to James Watt Jr. (care of Thomas Wilson, Truro). 25 Sep. 1796.  
*Re-directed to Watt Jr. at Soho. Docketed "About concessions to Maberley. Scarcity of money." Summarised "Remarks upon Maberley. The Bread Co. propose to pay £900. John Price and Knuckey have both been running into arrears. Reynolds has got some new engine schemer and Sadler the pastry cook."*
- 35.** Letter. James Watt (Lancaster) to James Watt Jr. (Soho). "Friday" [28 Oct. 1796].  
*Docketed "Safe arrival at Lancaster." Summarised "Gives the place to find his keys."*
- 36.** Letter. James Watt (Glasgow) to James Watt Jr. (Soho). 1 Nov. 1796.  
*Docketed "Arrival at Glasgow. Mr. Patrick Wilson excuses himself from attendance at the trial. Professor Robison expresses his willingness to attend." Summarised "Mr. Patrick Wilson desires to be excused from attendance at the trial. Prof. Robison, who recollects many particulars of the invention, will willingly attend the trial, if leave be obtained from Patrons of the University. McGrigor mentioned."*
- 37.** Letter. James Watt (Glasgow) to James Watt Jr. (Soho). 4 Nov. 1796.  
*Watt completed this letter on 5 Nov.*  
*Docketed "Anderson the attorney's illness. Enclosing letter from John Robison respecting his testimony. John Roebuck's testimony. State of Mr. McGrigor's health." Summarised "Concerning Dr. Black, Prof. Robison and J. Roebuck's evidence for the trial. Mr. Anderson dying. Mr. McGrigor's illness. Roebuck will prove his father was not the inventor."*

**38.** Letter. James Watt (Newcastle) to James Watt Jr. (Soho). 7 Nov. 1796.  
*With label attached marked "All these letters are from J. Watt to his son James, 1796."*  
*Docketed "Cornish affairs. Professor Robison's evidence, John Roebuck's ditto. Dr. Black writing for us. Mr. Barnes." Summarised "Concerning United Mines and Consolidated Mines. Thinks Robison will be a good witness. Mentions John Roebuck and Dr. Black as witnesses. James Hamilton will be at Heathfield. The corn in Scotland."*

**39.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 22 Nov. 1796.  
*Docketed "Murdock's accident. Wilson's pusillanimity. R. Michell's alertness."*

**40.** Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 25 Nov. 1796.  
*On the same sheet:*

Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 25 Nov. 1796.  
*Docketed "Trial at bar. John Roebuck v. Justice Giddy. Wilson. Encyclopedia and other books."*

**3/26 Letters to Matthew Robinson Boulton, 1796 (13 items)**

**1.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester). 10 May 1796.

*On the same sheet:*

Boulton & Watt (Soho) to M. R. Boulton. 10 May 1796.

*Docketed "Thackeray's conduct. Letter from Wilson. T. Walker and Dr. Garnett."*

**2.** Letter. James Watt (Heathfield) to M. R. Boulton (care of Thomas Jones, Manchester). 2 May 1796.

*With a postscript by Matthew Boulton.*

*Docketed "Stockdale's intended visit. Thackeray."*

**3.** Letter. James Watt (—) to M. R. Boulton (care of Thomas Jones, Manchester). 23 May 1796.

*On the same sheet:*

Transcript of letter. Boulton & Watt (Soho) to William Wilkinson. 23 May 1796.

*Docketed "With copy of letter to William Wilkinson."*

**4.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester). 29 May 1796.

*Docketed "Submission of Bateman & Co. Lord Derby and Peel. Stockdale and Thackeray."*

**5.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester). 30 May 1796. 2 sheets.

*On the first sheet:*

Transcript of agreement between James Stockdale of Cark and Boulton & Watt.

*Docketed "Copy of agreement for the Cark engine. Remarks on the pirates. Peter Ewart. On premium to be required from pirated engines."*

**6.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester). 1 Jun. 1796.

*Re-directed to M. R. Boulton "care of Ewart & Rutson, Liverpool."*

*Docketed "Estimates of premiums on engines."*

**7.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester). 2 Jun. 1796.

*Docketed "Thackeray's submission. State of affairs with Stockdale."*

**8.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester). 3 Jun. 1796.

*Docketed "Thackeray's submission in full. Gives information of a conspiracy in Yorkshire."*

- 9.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester).  
4 Jun. 1796.  
*Docketed "Confirmation of information against Maberley. Proceedings against Manchester pirates."*
- 10.** Letter. James Watt (Soho) to M. R. Boulton (care of Thomas Jones, Manchester).  
15 Jun. 1796.  
*On the same sheet:*  
Transcript of letter. John Goodchild (Pallion) to James Watt Jr. 8 Jun. 1796.  
*Docketed "Copy of Mr. Goodchild's letter. James Watt Jr. to call upon him on his return from Scotland."*
- 11.** Letter. James Watt (Heathfield) to M. R. Boulton (care of Thomas Jones, Manchester).  
16 Jun. 1796.  
*Docketed "New trial granted to Maberley."*
- 12.** Letter. James Watt (Bath) to Matthew Boulton (Soho). 8 Jul. 1796.  
*Docketed "Arrival at Bath. Weston." Summarised by Henry Hazleton "Mentions his arrival and lodgings. Gives the state of weather and crops. To give Weston sailing orders. Trusts Boulton's leg is better."*
- 13. Letter.** James Watt (Bath) to M. R. Boulton (Soho). 19 Jul. 1796.  
*Docketed "Albion Mill affairs. Brown. Weston and conspiracy of pirates." Summarised by Henry Hazleton "Concerning the Albion Mills, and winding up the affair. Must not take on any of John Wilkinson's men."*

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DETAILED LISTING

**REEL 202**

**3/27 Letters to James Watt Junior, 1797 (12 items)**

1. Letter. James Watt (London) to James Watt Jr. (Soho). 5 Jan. 1797.  
*With a label attached marked "All these letters are from J. Watt to his son James 1797."  
Summarised "Mr. Perier in London, he is doubtless come to buy pig iron and spy out new inventions that he may publish them as his own. Intends calling at Windsor."*
- 2a. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 2 Feb. 1797.  
*Enclosing (b) below.  
Docketed "With enclosure of letter to Mr. Parker." Summarised "Watt's letter to Thomas Parker enclosed, asking for money. Requests his son to send or give the enclosed to Parker."*
- b. Letter. James Watt (Soho) to Thomas Parker [London]. 2 Feb. 1797.
3. Letter. James Watt (Soho) to Boulton & Watt Juniors (13 London St.). 2 Feb. 1797.  
*Docketed "John Wilkinson approves of the Chancellor's nomination." Summarised "Concerning engine for Hockley Heath Co. corn mill. John Wilkinson approves of the Chancellor's nomination of Mr. Lovat."*
4. Letter. James Watt (Soho) to Boulton & Watt Juniors (13 London St.). 3 Feb. 1797.  
*Docketed "Wyatt's offer to the City of Albion Mill premises. Letter from Mr. Mylne concerning his boiler. Letters from sundries. Concerning Daniell." Summarised "Gives the cost of the Albion Mills. Watt balloted for the new cavalry. Remarks upon engines."*
5. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 4 Feb. 1797.  
*Docketed "Acknowledges receipt of letter on Albion Mill business. Mentions Mr. Wilson's agreeing to the proposal respecting Tom. Has paid some bills. Received from Bott & Birch £240. Encloses Foulkes' letter which is to ne answered by Southern's affidavit. Advises Meux to be spoken to." Summarised "Re. Albion Mill affairs. Speaks of Foulkes' letter and Meux. Signed a bill for J. Watt & Co. Orwell's order for 10 horse power engine and other small matters."*
6. Letter. James Watt (Soho) to Boulton & Watt Juniors (13 London St.). 9 Feb. 1797.  
*The outside of the letter is directed to Watt Jr. alone. On the same sheet:  
Letter. Gregory Watt (Soho) to James Watt Jr. 9 Feb. 1797.  
Docketed "About taking the opinion of Counsel concerning the Trustee for Albion Mill."  
Summarised "Concerning money matters and Albion Mills. A long quarto copying press to Mr. Brinley of Boston. The parallel elevator acts well. Philosopher Lucas engaged as a cavalry substitute. P.S. by Gregory Watt, re a night cap."*
7. Letter. James Watt (Clifton) to James Watt Jr. (Soho). 25 Jun. 1797.  
*On the same sheet:  
Transcript of letter. James Watt (Clifton) to Thomas Wilson (—). 25 Jun. 1797.  
Docketed "Copy of letter to Wilson on his private affairs."  
Summarised "Intends going to Bath. About the Albion Mills. About Wilson's affairs. Copy of Watt's letter to Wilson, about his debts and unfortunate undertakings."*

8. Letter. James Watt (Clifton) to James Watt Jr. (Soho). 28 Jun. 1797.  
*Docketed "Has signed Mr. William Wilkinson's arbitration powers and forwarded letter to Mr. Wilson concerning Trevithick." Summarised "Concerning his letter to John Wilkinson and Watt's remarks thereon. Watt at Clifton."*
9. Letter. James Watt (Bath) to James Watt Jr. (Soho). 3 Jul. 1797.  
*Summarised "Sunderland & Lawson Main agreements. Re. Thackeray & Co. Remarks upon the town of Bath, and Ewart. Has had a fit of the gravel."*
10. Letter. James Watt (Bath) to James Watt Jr. (Soho). 6 Jul. 1797.  
*Docketed "With letter from Mr. Wilson concerning his private affairs." Summarised "Speaks of an enclosed letter, too ill to form any resolution thereon."*
11. Letter. James Watt (Bath) to James Watt Jr. (Soho). 9 Jul. 1797.  
*Docketed "About making present of Prony's work to Prof. Robison." Summarised "Concerning the carriage of Prony's work for Prof. Robison, who is at his farm at Baghall. Intends leaving Bath so mention this to Murdock. Glad Boulton is better."*
12. Letter. James Watt (Bath) to James Watt Jr. (Soho). 12 Jul. 1797.  
*Docketed "Returns Lees' licence. Journey to Hampshire." Summarised "Glad Wilkinson can assist in cash affairs. Wilson to be written to. Will leave Bath for Hampshire (Christchurch)."*

**3/28 Letters to James Watt Junior, 1798**

**(10 items)**

1. Letter. James Watt (Heathfield) to James Watt Jr. (Soho). "Monday" [circa 24 Jan. 1798?]  
*With a label attached marked "All these letters are from J. Watt to his son James, 1798." Summarised "Watt and Matthew Robinson Boulton intend to set out on their enquiry. Concerning the specification and patent."*
2. Letter. James Watt (Soho) to James Watt Jr. (Post Office, Whitehaven). 31 Jul. 1798.  
*Docketed "On the termination of Pednandrea business. Received remittances from Edinburgh. Power of attorney sent to Hotchkiss. Not willing to build at Greenock. Proposed route to Scotland. State of the weather." Summarised "...M. R. Boulton and Gregory are gone to see Sir R. Lawley's house. Mr. Boulton at a guinea meeting...Accounts of harvest at Soho. Intends visiting Scarborough."*
3. Letter. James Watt (Heathfield) to James Watt Jr. (Wormald Fountain & Gott's, Leeds). 12 Aug. 1798.  
*Docketed "Mr. Curwen's engine. Projected route to Scotland. Visit of Judge Heath and Baron Thompson. His health and that of the horses." Summarised "Mr. Curwen merits own indulgence. On the state of engines at Workington. Altered the intended journey, will go to Scotland. Justice Heath and Baron Thompson at Soho. Boulton expected home. The state of the new horses."*
4. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 20 Nov. 1798.  
*Docketed "Remarks on Lord Kenyon's observations on the recitals of the Act." Summarised "Lord Kenyon states that the recital was incorrect and the House of Commons deceived. Watt remarks at length upon it. Concerning the division of some family property."*
5. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 21 Nov. 1798.  
*Docketed "Observations on the state of our proceedings. M. R. Boulton's letter to Cobb. Ditto's journey to Shropshire." Summarised "Mentions Murdock's illness. Certificate for Soho land tax. Concerning Brockliss' engine. Watt considers Lord Kenyon has been prejudiced. Some method should be set on foot to get at him and put matters right."*
6. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 27 Nov. 1798.  
*Docketed "Queries about our future proceedings." Summarised "Watt in trouble about the best manner of proceeding with the trial. Suggests different ways of evading trials."*

7. Letter. James Watt [Soho] to James Watt Jr. (13 London St.). 2 Dec. 1798.  
*Docketed "Despondent reflections on the law suit." Summarised "Despondent reflections on proceedings before Parliament. Concerning piracies of the engine trade."*

8. Letter. James Watt [Heathfield] to James Watt Jr. (13 London St.). 6 Dec. 1798.  
*Docketed "Remarks on Murdock's affidavit versus United Mines. Letter to Mr. Erskine. Application from Wilson to borrow £1200." Summarised "Watt remarks upon Murdock's affidavit. Mentions Mr. Erskine. Wilson wishes us to lend him money on mortgage of his brewery."*

9. Letter. James Watt [Heathfield] to James Watt Jr. (13 London St.). 10 Dec. 1798.  
*Docketed "Etymologies of terms. Advises sale of house. Murdock's affidavit. Loan to Wilson."  
Summarised "Etymology of terms in specification. Desires the house to be sold. Boulton thinks well of Murdock's affidavit, so I must have more talk with him. Re. the loan to Wilson."*

10. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 14 Dec. 1798.  
*Docketed "Upon the effects of salt water on steam engines."*

### **3/29 Letters to Matthew Robinson Boulton, 1799**

**(13 items)**

1. Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 2 Apr. 1799.  
*With label attached marked "All these letters are from James Watt Senr. to Matthew Robinson Boulton son of Matthew Boulton, 1799."  
With a postscript by James Watt Jr.  
Docketed "Sentiments upon Wilson's situation and conditions of Boulton & Watt's consent to the proposed mortgage upon the brewery." Summarised "Watt's remarks upon Wilson applying our money for his own purpose, proposes advancing him £600. Gives accounts of his debts and proposes a mortgage on the brewery. Murdock sets out for Cornwall."*

2. Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 15 Apr. 1799.  
*Docketed "Sentiments in regard to the mortgage upon Wilson's brewery. In regard to our claim upon Hallamanin adventurers." Summarised "Concerning Wilson's appropriation of our money, and the mortgage on his brewery. Speaks about the engine erected upon Bull's principle."*

3. Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 9 May 1799.  
*Docketed "Return from Town. Account of the proceedings in Court on the motion made by Daniel and Harris to remove the venue." Summarised "Watt recites to M. R. Boulton what passed in the court between the counsels, upon the Cornish affairs."*

4. Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 24 May 1799.<sup>+</sup>  
*Mis-docketed as Jun. by M. R. Boulton.  
Docketed "Murdock's arrival. Weston desired to point out the evidence wanted in regard to the action against the refractory mines. Aversion to further litigation. Copper controversy likely to terminate by some restriction being imposed. My sister hurt her knee."  
Summarised "Concerning Murdock, the little engine and the boring mill. Watt dislikes law suits. Tries to persuade Boulton from the copper business (in vain). Miss Boulton and friends mentioned."*

5. Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 25 May 1799.  
*Docketed "Approbation of the settlement with Crenver. Thinks it ought not to be a precedent for others. Opposition to the copper regulation bill likely to succeed. Charles Wilson's departure from Soho." Summary adds "Miss Boulton mentioned."*

- 6.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 28 May 1799.  
*On the same sheet:*  
Transcript of letter. Ambrose Weston [London] to James Watt [Soho]. 25 May 1799.  
*Docketed "Copy of a letter from A. Weston with his sentiments upon the necessity of compromising. Receipt of Harris' acceptance. Sentiments upon compromise with Daniel."*
- 7.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 30 May 1799.  
*Docketed "Bedford's opinion upon the mortgage offered by Wilson and general advice upon the best mode of securing the money due from him. Our concerns in Cornwall to be brought to a conclusion. Bad management of the Minera mine."*  
*Summarised "The little engine at the Foundry does well. Preparation for boring mills. Concerning the management of the Minera Mine. Remarks upon mortgaging Wilson's shares in a brewery,"*
- 8.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 3 Jun. 1799.  
*Docketed "Not dissatisfied with the terms of the agreement with Consolidated Mines. The proposal suggested in his preceding letter respecting the settlement with this mine founded on a mistake. Curious request of exemption urged by Harris."* *Summarised "Sends power of attorney for M. R. Boulton to act in Cornwall. Concerning the money owing from Consolidated Mines, and M. R. Boulton's proceedings thereof Watt approves. Strange suggestion of payment by Harris, when working an engine without a beam."*
- 9.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 5 Jun. 1799.  
*On the same sheet:*  
Transcript of letter. William Bedford (London) to James Watt. 3 Jun. 1799.  
*Docketed "Bedford's opinion of the mode of securing Wilson's debt. The terms proposed for the compromises with the recusant mines agreed to. Hesitation in complying with the refund to the friendly adventurers in Wheal Gons."* *Summarised "... Murdock is going on with the boring mill. Watt's remarks upon the payments to be made by United Mines and Wheal Gons."*
- 10.** Letter. James Watt (—) to M. R. Boulton (Thomas Wilson's, Truro). 6 Jun. 1799.  
*On the same sheet:*  
Transcript of letter. William Harris (Rosewarne) to James Watt. 30 May 1799.  
*Docketed "Encloses Harris' singular epistle. Arguments in refutation of the alleged promise. James Watt Jr. approves of the sums proposed for the agreement with the recusant mines."*
- 11.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 8 Jun. 1799.  
*Docketed "Intelligence in regard to Mrs. Scale's house, her terms. My father indisposed. Chapmans establishing a ropery. Defalcation in the supposed amount of the income tax."*  
*Summarised "The boring mill nearly finished. Concerning the proposal to buy Mrs. Scale's property by Boulton. Boulton not well, coinage dropped. Miss Boulton better. Chapman orders an engine. Remarks on the income tax."*
- 12.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 9 Jul. 1799.  
*Docketed "Advice of the deed of mortgage and warrant of attorney being forwarded."*  
*Summarised "Concerning the mortgage in Wilson's brewery. Congratulates M. R. Boulton upon his success with Wheal Gons. Boulton with Lord Hawkesbury thought the new mint. Written Weston upon the Hornblower's engine."*
- 13.** Letter. James Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 17 Jul. 1799.  
*Docketed "Consents to the installments proposed by Wilson & Co. Bedford directed to fill up the bond accordingly. Doubts upon the propriety of allowing Wilson's commission upon the litigated premiums. Waiting Weston's opinion in regard to Hornblower's engine. Proposes to charge the premiums upon the largest cylinder as a single engine."*

**3/30 Letters to James Watt Junior, 1800****(5 items)**

1. Letter. James Watt (Heathfield) to James Watt Jr. (13 London St.). 2 Feb. 1800.  
*With a label attached marked "All these letters are from James Watt to his son James 1800."  
Docketed "Upon the conduct of the trial versus Hornblower. Mr. Boulton to set out. Visit from Stuttle and his reasons for not entering into an immediate engagement with us."*
2. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 3 Feb. 1800.  
*Docketed "Sentiments upon the proposed release of Mr. Furey by the Albion Mill Co."*
3. Letter. James Watt (Soho) to James Watt Jr. (13 London St.). 4 Feb. 1800.  
*Docketed "Conference with Mr. Galton. Letter from Mr. Jones respecting Bateman. Arrival of Thomas Walker and departure of Mr. Boulton. Gregory's visit to Wednesbury and that of Edwards to the Foundry. Offer of a scheme."*
4. Letter. James Watt (Heathfield) to James Watt Jr. (13 London St.). 11 Feb. 1800.  
*Docketed "Upon the proposal for a release at Albion Mill. Jonathan Hornblower. Doubts about flax scheme."*
- 5a. Letter. James Watt (Glasgow) to James Watt Jr. (Soho). 30 Oct. 1800.  
*Enclosing (b) below.  
Docketed "With Smith's advertisement."*
- b. Cutting. Advertisement of William Smith for his improvements to the steam engine.  
21 Oct. 1800.

**3/31 Miscellaneous Correspondence, 1776-1816****(15 items)**

1. Letter. James Watt (Broseley) to Matthew Boulton (—). — Feb. 1776. 2 sheets.
2. Letter. James Watt (Redruth) to James Keir (Soho). 12 Oct. 1778.  
*The letter has been docketed twice. One of the dockets misdates the letter as Aug. 1778.*
3. Letter. James Watt (London) to Matthew Boulton (Birmingham). 15 Jan. 1786.  
*Summarised "Paid Boulton's fees at the Royal Society. Concerning heating the boilers from coke ovens, and Watt's annoyance thereby. Allingham's engine and about Argand."*
4. Letter. James Watt (London) to Matthew Boulton (Birmingham). 27 Jan. 1786.  
*Summarised "Concerning Watt's illness, the Albion Mill, Mr. Allingham's engine, the forge engine, orders for engines. Argand's case before the four Judges of the Common Pleas."*
5. Letter. James Watt (London) to John Southern (Birmingham). 23 May 1791.  
*Comments upon Dennison's order. Arrangements for shipping materials to de Tastet. The fire at Goodwyn's has done little damage compared to the fire at Albion Mill.*
6. Letter. James Watt (London) to John Southern (—). 28 May 1791.  
*Comments upon the Mydrecht drawings. Is to go to Brentford and Albion Mill.*
7. Letter. James Watt (London) to John Southern [Birmingham]. 30 May 1791.  
*Summarised "We are taking proper measures to proceed against Hornblowers. Heard nothing of Richard Dayus. Isaac to be sent to Ocker Hill. The report that the engine caused the fire (at the Albion Mill I presume) is very disagreeable."*
8. Letter. James Watt (London) to Gregory Watt (Soho). 26 Feb. 1799.  
*Docketed "Substance of reply to Davis Giddy." Summarised "James Watt's letter to his son Gregory, or a letter for him to copy and send to Mr. Giddy, relating to law suits and Wheal Crenver."*

9. Letter. James Watt (Bath) to James Watt Jr. (Soho). 13 Oct. 1799.  
*Docketed "Upon Mr. Gott's proposed patent." Summarised "Concerning a patent for heating dyeing liquors by steam, and suggests we have nothing to do with the affair."*

10. Letter. James Watt (Newport) to M. R. Boulton (Soho). 23 Sep. 1801.  
*Docketed "Account of G. Watt's progress in his tour on the Continent. Examination of an estate in Gloucestershire. Directions for forwarding his letters. William Reynolds employed by the Gloucester Flour Co." Summarised "Gregory Watt at Zurich. Watt speaks of land on the banks of the Severn, will not purchase. Speaks of Miss Boulton and friends."*

11. Letter. James Watt (Glasgow) to James Watt Jr. (—). 13 Nov. 1807.  
*Docketed "Upon the proposed tunnel etc. at the Glasgow Water Works."*

12. Memorandum. Stove for the Hunterian Museum, Glasgow. Heathfield, 30 Aug. 1808.  
*Sent by James Watt to John Southern at Soho.  
Docketed "Order for stove for College of Glasgow."*

13a. Letter. James Watt (Heathfield) to James Watt Jr. (13 London St.). 16 Jul. 1810.  
*Enclosing (b) and (c) below. Docketed "Enclosing letters introducing Mr. Stocks who wants employment as a clerk."*

b. Letter. Archibald Hamilton (Glasgow) to James Watt Jr. (Soho). 4 Jul. 1810.  
*Docketed "Introducing Mr. Stocks."*

c. Letter. James Miller (Glasgow) to James Watt Jr. (Soho). 5 Jul. 1810.  
*Docketed "Introducing Mr. Stocks."*

14. Letter. James Watt [Heathfield] to James Watt Jr. (Soho). "Saturday" [31 Jul. 1813].  
*Docketed "Upon the height of the ground and nature of the foundations at Sheerness."*

15. Letter. James Watt (Heathfield) to James Watt Jr. (Soho). 19 Jan. 1816.  
*Docketed "Titles of Rumsey's patents. Cannot find the copies. Suggestions with regard to the alteration of the engine in the Congo boat."*

**3/32    Miscellaneous Memoranda and Papers, 1791-1816                    (4 items)**

1. Memorandum. "List of Public houses in the parish of Handsworth." 6 Sep. 1791.  
*In James Watt's hand. Minutes of a meeting between George Birch, Thomas Lane, John Whately, Matthew Boulton and James Watt. "Resolved, that it appears to this meeting that there are too many public houses near to one another..."*

2. Manuscript. Directions for the erection of Buildings [for Blowing Engine BWG]. Not dated [circa 1793]. 32 pages [of which 1-4 are wanting].  
*In James Watt's hand. Directions for building the engine house for engine BWG, the first blowing engine supplied to Don Diego Gardoqui, Cadiz, Spain. The engine was identified via references in the text to drawings codes.  
Henry Hazleton attached a label reading "Miscellaneous letters by J. Watt. James Watt's directions for the erection of Buildings for a Blowing Engine."*

3. Draft (press copy). Address to the King on the recovery of his health. Not dated.  
*Address on behalf of Boulton & Watt. In James Watt's hand.*

4. Text of description of plates of engines for Dr. Brewster. 1816.  
*Text to accompany plates of the Albion Mill engine, for Dr. Brewster, as follows:*

a. Rough Draft. 3 sheets.  
*Consisting of "Description of the Method of working the Albion Mill Engine, plates A B C D V VI VII VIII" and "Particular description of the mechanism which opens and shuts the nozzle valves regulators, plate VII, Fig. —."*

- b. Observations relative to the plates by J. W. Tenby, Sep. 1816.
- c. Description of the Method of working the Albion Mill Engine, plates V VI VII VIII. 2 sheets.
- d. Drawing. Side view or Section of one of the Albion Mill Steam Engines."

**MS 3147/3/33-44: Correspondence from Matthew Robinson Boulton, 1795-1809**

**3/33 Letters to James Watt Junior, 1795 (9 items)**

1. Letter. M. R. Boulton (Soho) to James Watt Jr. (6 Green Lettice Lane, London). 15 Jan. 1795.  
*Docketed "State of affairs at Soho. Glass phials. Casting of brass rolls."*
2. Letter. M. R. Boulton (Soho) to James Watt Jr. (6 Green Lettice Lane, London). 22 Jan. 1795.  
*Mis-dated by M. R. Boulton as 1794.*  
*Docketed "Casting rolls and standards. Ink phials. Remarks on price of copying machines. Printing of directions for their use."*
3. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Charlotte Matthews', London). 26 Jan. 1795.  
*Mis-dated by M. R. Boulton as 1794.*  
*Docketed "Going on well at Soho. Sir John Sinclair. Workmen from Liverpool. Sponge paper. Fearnought."*
4. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Charlotte Matthews', London). 2 Feb. 1795.  
*Docketed "On the purchase of mahogany. Brushes for copying machines. The explicitness of the Foxes."*
5. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Charlotte Matthews' London). 5 Feb. 1795.  
*Mis-dated as 1794 by M. R. Boulton.*  
*Docketed "State of the copying machine business. Completion of the lathe announced."*
6. Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 11 Feb. 1795.  
*Arrival of the 'demon of disappointment' at Soho, and the fearnought. Possible supply of cloth from Gott. Disappointing work from the cabinet maker at Dudley. Remarks on the agreement with Richardson & Harrison. Remarks on trunks, brushes and boxes for copying machines. Death of Miss Mylne.*
7. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Mrs. Matthews', London). 19 Feb. 1795.  
*Docketed "Letter to Forrest. Gott's cloth. Preference to be given to Dearman over Ramsden's man in casting brass rolls. Richardson & Harrison's account. Hair powder etc."*
8. Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 26 Feb. 1795.  
*Docketed "Anxiety on account of his father's illness."*
9. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 3 Jun. 1795.  
*Docketed "Order of a copying machine by Hodson and Hayton. Conversation on portable copying machines with Richardson & Harrison."*

**3/34 Letters to James Watt Junior, James Watt, Matthew Boulton, 1796 (49 items)**

1. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 6 Jan. 1796.  
*On the same sheet:*  
Transcript of letter. Boulton & Watt to Hornblower & Maberley. 1 Jan. 1796.  
*Docketed "Copy of letter to Hornblower and Maberley. Proceedings against Sturges & Co."*
2. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). "Friday Morning" [8 Jan. 1796].  
*Mis-dated by M. R. Boulton as 1795. Docketed "Horton and his boiler. Cornforth. Robinson. Dissention of Hornblower and Maberley."*
3. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 10 Jan. 1796.  
*Docketed "No news of Perrins. Horton. Maberley's contract with his customers. Hornblower's practices as detailed by Cornforth. William and John Wilkinson. Copying machine business. Wilkinson's correspondence."*
4. Letter. M. R. Boulton (Soho) to James Watt Jr. (Charlotte Matthews', London). 12 Jan. 1796.  
*Docketed "Perrins ready to make affidavit relative to Sturges & Co."*
5. Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 15 Jan. 1796.  
*The docket is on a separate wrapper.*  
*Boulton completed this letter on 16 Jan. with a report of progress at Soho Foundry.*  
*Docketed "On draining of Fens by steam engine. Copy of a letter from T. Dudgeon."*
6. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Wormald Fountain & Gott's, Leeds). 21 Jan. 1796. 2 sheets.  
*Docketed "On proceedings against Sturges. On calculation of premiums. Peareth, Barnes, McMurdo. William Harrison and Peter Ewart. Scarcity of hands. Advertisement for them."*
7. Letter. M. R. Boulton (—) to James Watt Jr. (at Wormald & Co.'s, Leeds). "Friday Morning" [22 Jan. 1796].  
*Docketed "Theorem for the calculation of engines."*
8. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Wormald Fountain & Co.'s, Leeds). 24 Jan. 1796.  
*Re-directed to James Watt Jr. at the Walker Colliery office, Newcastle.*  
*Docketed "Perrins' affidavit. Garland & Co. Sherriff Hill. Coalbrookdale and Bersham and engine yard."*
9. Letter. M. R. Boulton (Soho) to James Watt Jr. (at Wormald Fountain & Gott's, Leeds). 27 Jan. 1796.  
*Re-directed to James Watt Jr. at the Walker Colliery office, Newcastle.*  
*Docketed "Sturges & Co. Fenner & Flint. Letter from Wilson with overtures from Daniel."*
10. Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Colliery Office). 6 Feb. 1796.  
*Docketed "S. Bromley sent off. Applications from Bradley. Copying business."*
11. Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Colliery Office). 7 Feb. 1796.  
*Docketed "Foundry feast – proceedings there. John Wilkinson and Abraham Storey. Walker & Fishwick's request. Clegg & Co. J. Lees. Dumbell."*

- 12.** Letter. M. R. Boulton (Soho) to James Watt Jr. (Fountain Wormald & Gott's, Leeds). 15 Feb. 1796.  
*On the same sheet:*  
Transcript of letter. Boulton & Watt to The Proprietors of Cockshead Colliery. 6 Feb. 1796.  
Transcript of letter. John Martin (Cockshead Colliery) to Boulton & Watt. 13 Feb. 1796.  
*Docketed "Coxhead."*
- 13.** Letter. M. R. Boulton (Soho) to James Watt Jr. (at Messrs. Walker's, Manchester). 19 Feb. 1796.  
*Docketed "John Wilkinson's attack on Mrs. Porter. Abraham Storey. Parker. Apedale."*
- 14.** Letter. M. R. Boulton (Soho) to James Watt Jr. (at Messrs. T. & R. Walker's, Manchester). 22 Feb. 1796.  
*Thomas Thorneycroft's evidence against Thackeray and Bradley. James Watt is inclined to bring an injunction against Thackeray.*
- 15.** Letter. M. R. Boulton (Soho) to James Watt Jr. (at Messrs. T. & R. Walker's, Manchester). 22 Feb. 1796.  
*On the same sheet:*  
Pencil sketch and plan of Soho Foundry.  
*Docketed "Inspection of Parker's engine. Proofs against Thackeray."*
- 16.** Memorandum. Draft of Affidavit of Thomas Thorneycroft against Thackeray. 23 Feb. 1796.  
*M. R. Boulton sent this to Watt Jr. on 23 Feb. Witnessed by William Creighton.*
- 17.** Letter. M. R. Boulton (Soho) to James Watt Jr. (at Charlotte Matthews', London). 11 Apr. 1796.  
*Docketed "Contents of letter from Wilson and comments."*
- 18.** Letter. M. R. Boulton (Birmingham) to James Watt Jr. (13 London St.). 12 Apr. 1796.  
*Docketed "Thorneycroft's affidavit. Men from Scotland. Rise of wages."*
- 19.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (—).  
"Tuesday Evening" [10 May 1796].  
*Docketed "Thackeray, Bateman and Sherratt. Horton etc."*
- 20.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.).  
"Wednesday Evening" [11 May 1796].  
*Docketed "Perrins' affidavit against Bradley. Jones' proposition to Thackeray. Bateman's conduct."*
- 21.** Letter. M. R. Boulton (Manchester) to James Watt (Heathfield).  
"Thursday Morning" [12 May 1796]. 2 sheets.  
*Docketed "Information gained concerning Thackeray and Bateman. Recommends vigorous measures."*
- 22a.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.).  
"Thursday Evening" [12 May 1796].  
*Enclosing (b) below.*  
*Docketed "Copy of letter to Mr. Watt containing an account of proceedings respecting Thackeray."*
- b.** Letter (press copy). M. R. Boulton (Manchester) to James Watt [Heathfield].  
"Thursday Morning" [12 May 1796]. 5 sheets.  
*Press copy of the above letter to James Watt.*
- 23.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.). 14 May 1796.  
*Docketed "Thackeray's conduct. T. Livesey's affidavit. Endeavours to procure evidence."*

- 24.** Letter. M. R. Boulton (—) to James Watt Jr. (13 London St.).  
"Monday Morning" [16 May 1796]. 2 sheets.  
*Mis-dated by M. R. Boulton as 1794.*  
*Docketed "Thackeray declares his intention of turning his engine into a common one. Other proceedings of Manchester pirates."*
- 25.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.). 18 May 1796.  
*Docketed "Thackeray proceeds in the alteration of his engine. Bateman & Co. wish an interview. Messrs. Mort & Co."*
- 26a.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.). 19 May 1796.  
*Enclosing (b) below.*  
*Docketed "Copy of letter from Thackeray to Jones. Interviews with Bateman and Sherratt."*
- b.** Transcript of letter. Jos. Thackeray (Cark) to Thomas Jones [Manchester].  
17 May 1796.
- 27.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (—). 21 May 1796.  
*The races interrupt his proceedings. Thackeray's alterations. Absconding of a potential witness who informs Bradley of M. R. Boulton's activities. Proceedings against Thackeray, Bradley and Bateman.*
- 28.** Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 24 May 1796.  
*Docketed "Interview with Thackeray. Bateman & Co. promise capitulation."*
- 29.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (at Charlotte Matthews', London).  
25 May 1796. 2 sheets.  
*Docketed "Bateman & Co.'s capitulation. Proceedings against their customers."*
- 30.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (at Charlotte Matthews', London).  
25 May 1796.  
*Docketed "Agreement with Bateman & Sherratt. Proceedings against the other pirates."*
- 31.** Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 26 May 1796. 2 sheets.  
*Docketed "Ratification of treaty with Bateman & Co. Lord Derby and Peel. Watson of Preston's submission. Wishes price of engines to be settled."*
- 32.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (—). 27 May 1796.  
*Thackeray and Bradley's delaying tactics. Engines made by Bateman & Co. Interview with John Goodier. Report on the Cark engine. Proposed agreement with Watson. Middleton Colliery potentially troublesome.*
- 33.** Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 28 May 1796. 2 sheets.  
*Docketed "Watson's agreement. Conduct of the other pirates. The rascality of Daniel Lees. Thackeray. Cark Company's plea for clemency."*
- 34.** Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.). 29 May 1796.  
*Docketed "Barrow Lees & Co."*
- 35.** Letter. M. R. Boulton (Manchester) to James Watt (—). 31 May 1796.  
*Docketed "Affidavit against Bradley. Bateman & Co."*
- 36.** Letter. M. R. Boulton (Manchester) to James Watt (—). 1 Jun. 1796.  
*Remarks on the agreement with Stockdale about the Cark engine and its effect on Thackeray. Agreement with Goodier. Bills received.*
- 37.** Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 4 Jun. 1796.  
*Docketed "Remarks on Thackeray's submission. Liverpool engines. Holloway's bill."*

38. Letter. M. R. Boulton (Manchester) to James Watt Jr. (13 London St.). 5 Jun. 1796.  
*Letter re-directed to James Watt Jr. at Soho.*  
*Docketed "Reflections on Thackeray's submission and conduct."*
39. Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 6 Jun. 1796.  
*Docketed "Interview with Thackeray. List of pirate engines. Respecting their premiums."*
40. Letter. M. R. Boulton (Manchester) to James Watt Jr. (Soho). 7 Jun. 1796.  
*Docketed "On premiums to be exacted from the pirates. Dumbell. Bateman's tenants' threats. Thackeray."*
41. Letter. M. R. Boulton (Manchester) to Matthew Boulton (Soho). 7 Jun. 1796.  
*Docketed "Dimensions of Thackeray's engine. Conversations with Dumbell."*
42. Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 21 Jun. 1796.  
*Docketed "Signing of the bonds by Carlisle, Goodier, Burton and Thackeray. The remonstrances of Thackeray. Lord Derby and Peel. Copying machine for D. Burton."*
43. Letter. M. R. Boulton (Manchester) to James Watt (Heathfield). 25 Jun. 1796.  
*Docketed "Conclusion with Mr. Watson. Lord Derby. Messrs. Peel."*
44. Letter. M. R. Boulton (Leeds) to James Watt (Heathfield). 28 Jun. 1796.  
*Docketed "Settlement with Paley & Co. Varley's good conduct. Probable increase of steam engine business. Horrocks. Copying machine for Lord Derby's steward."*
45. Letter. M. R. Boulton (Soho) to James Watt (Bath). 17 Jul. 1796.  
*Docketed "Albion Mill accounts. Sending Mr. Brown to London."*
46. Letter. M. R. Boulton (Soho) to James Watt Jr. (Mrs. Matthews', London). 21 Nov. 1796.  
*Docketed "About Mr. Goodwin's evidence."*
47. Letter. M. R. Boulton (Soho) to James Watt Jr. (Mrs. Matthews', London). 23 Nov. 1796.  
*Docketed "Mr. Wilson's amendment. Murdock's journey. Mr. Nicholson not among the witnesses."*
48. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 24 Nov. 1796.  
*Docketed "Observations on Maberley's sluggishness. Gilpin's articles."*
49. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 28 Dec. 1796.  
*Docketed "Maberley's men dismissed. Robison and Matthews offer their services. Grand Junction pump. Albion Mill Co."*

**3/35 Letters to James Watt Junior, 1797 (13 items)**

1. Letter. M. R. Boulton (London) to Boulton & Watt (Soho). 11 Feb. 1797.  
*Docketed as 7 Feb. With a postscript in James Watt Jr.'s hand.*  
*Docketed "Transactions at Westminster Hall."*
2. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 30 May 1797.
3. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 31 May 1797.
4. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 3 Jun. 1797.  
*Docketed "About licensing Bowman & Garforth's engine."*
5. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 5 Jun. 1797.  
*Docketed as 7 Jun.*

- 6.** Letter. M. R. Boulton (—) to James Watt Jr. (Soho). "Friday Morning" [9 Jun. 1797.]  
*On the same sheet:*  
 Transcript of letter. Samuel Wyatt (—) to M. R. Boulton [London St.]. 8 Jun. 1797.  
*Docketed "United Mines. Albion Mill."*
- 7.** Letter. M. R. Boulton (Swansea) to James Watt Jr. (—). 20 Aug. 1797.  
*Docketed "Upon Wilson's private affairs."*
- 8a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Dr. Beddoes, Mall, Clifton, Bristol).  
 20 Sep. 1797.  
*Enclosing (b) below.*  
*Docketed "Account of Kennet & Avon Canal Co. Order from Taylor Weston & Co. Lee to come to Soho. Repairs of stoves at Foundry. Windhouse [?]."*
- b.** Account. The Kennet & Avon Canal Company debtors to Boulton & Watt, 1797.  
*In James Pearson's hand.*
- 9.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Dr. Beddoes, Mall, Clifton, Bristol).  
 1 Oct. 1797. 2 sheets.  
*Dated and docketed as 31 Sep.*  
*Docketed "Visit of Trevithick and Vivian to Soho and detail of what passed with them."*
- 10.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Dr. Beddoes, Mall, Clifton, Bristol).  
 13 Oct. 1797. 2 sheets.  
*On the second sheet:*  
 Transcript of letter. Boulton & Watt (Soho) to J. Stackhouse [Bath]. 30 Sep. 1797.  
 Transcript of letter. J. Stackhouse (Bath) to Boulton & Watt [Soho]. 8 Oct. 1797.  
*Docketed "Stocktaking and particulars of progress in lathes, stoves and other machinery at the Foundry. State of orders. Letters to and from Mr. Stackhouse about Prince William Henry."*
- 11.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Dr. Beddoes, Clifton, Bristol).  
 9 Nov. 1797.  
*Docketed "Improvements in stoves at Foundry. Lathes etc. Murray's piracies. Richard Cartwright. Maberley's law proceedings. Tax upon iron and politics. Zaccheus Walker's visit to Soho."*
- 12a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Dr. Beddoes, Clifton, Bristol).  
 19 Nov. 1797.  
*Enclosing (b) below.*  
*Docketed "Advice of my father's coming to Clifton. Materials prepared at Soho Foundry etc."*
- b.** Memorandum of castings, smith work, engines ordered etc.  
*In Gregory Watt's hand.*
- 13.** Letter. M. R. Boulton (Soho) to James Watt Jr. [Clifton]. 25 Nov. 1797.  
*On the same sheet:*  
 Transcript of extract of letter. James Lawson (Leeds) to M. R. Boulton [Soho]. 21 Nov. 1797.  
*The docket and the address are on a separate sheet, but the address has been torn away.*  
*Docketed "Accompanying a letter from Thomas Wilson containing his proposals for paying off his debt. Propositions respecting Poldice and Wheal Unity. Bull's failure at Pednandrea. A. Vivian's assertions about Wheal Treasury. Employment of Trevithick at Prince William Henry. Extract of a letter from Lawson concerning Murray and his intended piracies."*

**3/36 Letters to James Watt Junior, 1798**

**(27 items)**

- 1.** Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 6 May 1798.  
*Docketed "Interview with the Under-Secretary of State. Particulars respecting Messrs. Loughan & Cheap."*

- 2.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of George Lee, Manchester).  
7 Jun. 1798.  
*Re-directed to James Watt Jr. at Benjamin Gott's, Leeds, and returned to M. R. Boulton, who added another page on 14 Jun. and sent it to James Watt Jr. care of Thomas Barnes, Walker Colliery Office, Newcastle.*  
*Docketed "Estimate for Mr. Horridge. State of orders and engines. Benyons Marshalls & Bage want an estimate."*
- 3.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Office, Newcastle). 10 Jun. 1798.  
*Docketed "Queries of T. Jones of Caedyglyn. Answer given to them. Proceedings in Chancery. Letter from Weston."*
- 4.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Office, Newcastle). 11 Jun. 1798.  
*On the same sheet:*  
Transcript of letter. Boulton & Watt to Mr. — Fishwick [Newcastle]. 29 May 1798.  
*Docketed "Wilson's account of the failure of attempt upon Carpenter. Application to Johnston of Byker for names of Lambton's trustees and bills for those protested. Copy of letter to Mr. Fishwick."*
- 5a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Office, Newcastle). 17 Jun. 1798. 2 sheets.  
*Enclosing (b) below.*  
*Docketed "Murray's infringements. On sending Abraham Storey to Leeds. On licensing Fisher's engine. On the general policy of licensing Murray's engines. The probable end Murray has in view. Brocke's agreement. Copy of letter to Smalley."*
- b.** Transcript of letter. James Watt (Soho) to Mr. — Smalley (Low Moor Iron Works).  
18 Apr. 1797.
- 6.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Office, Newcastle). 25 Jun. 1798.  
*On the same sheet:*  
Letter. John Southern (Soho) to James Watt Jr. 25 Jun. 1798.  
*Docketed "Recommending 17 inch pump for Hebburn. Enquiries respecting engine for Walker & Fishwick. Maberley's manoeuvres in King's Bench. Carpenter preparing his answer."*
- 7.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Office, Newcastle). 29 Jun. 1798.  
*Docketed "Progress of the order for Weston. Hebburn engine house. Barnes' rail roads. Estimate of Walker & Fishwick's engine materials."*
- 8.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Thomas Barnes, Walker Office, Newcastle). 9 Jul. 1798.  
*Docketed "Carpenter's answer. Weston's letter and remarks. Boulton & Watt's answer to Weston's letter and their remarks on Pednandrea. Circular letter proposed to Wilson."*
- 9.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Gilbert Hamilton, Glasgow).  
24 Jul. 1798.  
*Docketed "Review of J. Watt Junr.'s proceedings in Scotland. Conclusion of Pednandrea business. Cornish affairs. Trevithick's infractions. Agreement with Wheal Unity. Wheal Abraham's rejection of terms."*
- 10.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Gilbert Hamilton, Glasgow).  
26 Jul. 1798.  
*Docketed "Manner in which the engine erectors are employed. Estimate for Newcastle in preparation. Remittance from Van Liender. Forays of Bramah."*

- 11.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 6 Nov. 1798.  
*Docketed "Pryor & Co. Bramah's Norwich piracy. Hodgson & Co. purchasers of Cobb's engine."*
- 12.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 12 Nov. 1798.  
*Docketed "Land tax. Commission of Brooks."*
- 13.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 14 Nov. 1798. 2 sheets.  
*Docketed "Arrangements at the Foundry. Murdock's scheme of new nozzle. Hydraulic ram. Letter from Cobb. Wilson's account wanted. Wheel Jewel and Wheel Garland."*
- 14a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 24 Nov. 1798.  
*Enclosing (b) and (c) below.*  
*Docketed "Account with Shadwell. Form of agreements. Settlement with Brodie."*
- b.** Transcript of extract of letter. Boulton Watt & Co. [Soho] to Mr. — Frazer [Shadwell Water Works?]. Undated.
- c.** Memorandum. Shadwell Water Works Account – paid to 25 Mar. 1798.
- 15.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 26 Nov. 1798. 2 sheets.  
*Docketed "Settlement with Parker's. Directions given to Lawson. Order from Mr. Gillies. Order expected from Mr. Houston. Progress made in new boring mill. Considerations upon the case of United Mines. Pryzor's information of his own piracy. Foundry Poor Rates."*
- 16.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 3 Dec. 1798.  
*On the same sheet:*  
Letter. James Watt (Soho) to James Watt Jr. 3 Dec. 1798.  
*Docketed "Observations on the answer of United Mines. Cobb's settlement. Land tax. Wilson's settlement with Trevithick. Impudent letter from Fox."*
- 17.** Letter. M. R. Boulton (Birmingham) to James Watt Jr. (13 London St.). 5 Dec. 1798.  
*Docketed "Enclosing Murdock's affidavit versus United Mines."*
- 18.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 7 Dec. 1798.  
*Docketed "Facetious remarks upon his own despondency."*
- 19.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 13 Dec. 1798.  
*Docketed "Upon the effects of salt water on engines. Brass cocks wanted."*
- 20a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 15 Dec. 1798. 2 sheets.  
*The address and docket are on a separate wrapper. Enclosing (b) below.*  
*Docketed "Return of Mr. Boulton. Effect of the screw and other improvements at the boring mill. Inconveniency of undertaking Mr. Gordon's order. Bishop & Co.'s endorsement of Johnson & Gould's agreement not found. Extract of advertisement in the Sherborne Journal."*
- b.** Cutting from the *Sherborne & Yeovil Mercury*. 10 Dec. 1798.  
*Article titled "Law Intelligence – Court of King's Bench, Friday, November 16. Patents. Hornblower v. Bolton."*
- 21.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 16 Dec. 1798.  
*On the same sheet:*  
Account. Bishop & Co. debtors to Boulton & Watt.  
*The account is in James Pearson's hand.*  
*Docketed "Weston's account of monies received. Private commissions."*
- 22.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 18 Dec. 1798.  
*Docketed "Upon new estimates of engines. Reflections upon United Mines affidavit."*

- 23.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 18 Dec. 1798.  
*Docketed "Estimates of engines. Estimates of brass air pumps. Supply of water for Hall's engine. Time required for the execution of orders. Murdock's ill health."*
- 24a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 21 Dec. 1798.  
*Enclosing (b) below.*  
*Docketed "Correspondence with Cook's Kitchen mine (Kevill) and observations upon it."*
- b.** Transcripts. Transcripts of two letters on the same sheet, as follows:  
Thomas Kevill (Trevenian) to Boulton & Watt [Soho]. 24 Jul. 1798.  
Boulton & Watt (Soho) to Thomas Kevill [Trevenian]. 10 Aug. 1798.
- 25.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 27 Dec. 1798.  
*Docketed "Enclosing sundry legal documents. Letter from Dodd. Price wanted at home."*
- 26.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 28 Dec. 1798.  
*Docketed "Advice of sending some documents. Thermometer at 2, 5 degrees above zero."*
- 27.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 30 Dec. 1798.  
*Docketed "Respecting the engine for the docks at Lisbon. Murdock and Abraham Storey set out for Leeds. Dayus to return to Town."*

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DETAILED LISTING

**REEL 203**

**3/37 Letters to James Watt, James Watt Junior, Gregory Watt, 1799 (64 items)**

1. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 4 Jan. 1799.  
*Docketed "Advice of Cornish documents. Estimates of small engines."*
2. Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 11 Jan. 1799.  
*Docketed "Drawing of sugar mill. Boring rods. Sutton & Co. Maltby & Co. Little engines."*
3. Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 17 Jan. 1799. 3 sheets.  
*Docketed "Meeting at Birmingham and negotiations respecting the Poor Rates. Lingard's boiler. Return of Murdock and Abraham from Leeds. Determination upon the boring mill wanted."*
4. Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 21 Jan. 1799. 2 sheets.  
*Docketed "Error in draft of Sutton & Co.'s agreement. Lingard's boiler. Maltby's engine. Determination about the boring mill wanted. Engine erectors wanted. Desertion of Salvatore and Jack Pearson."*
- 5a. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 22 Jan. 1799.  
*Enclosing (b) and (c) below.  
Docketed "Enclosing estimate of boring rods. Application from Yates of Salford. Suspicion respecting Salvatore."*
- b. Letter. Joshua Horton (Tipton) to M. R. Boulton (Soho). 17 Jan. 1799.  
*Docketed "Horton's note of the cost of boring rods."*
- c. Letter. Thomas Yates (155 Chapel St., Salford) to Boulton & Watt (Soho).  
11 Jan. 1799.
6. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 27 Jan. 1799.  
*Docketed "Rejoicing at Soho upon the success of our cause in King's Bench."*
7. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 30 Jan. 1799. 2 sheets.  
*Docketed "Letters from and to Shadwell. John Price's debt. Suspicion of Punshon. Engine erectors wanted etc. Apprentices in the Counting House. Lingard's boiler and sun and planet wheels."*
8. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 31 Jan. 1799.  
*Docketed "Lingard & Co.'s wheels and boiler. Sutton & Co.'s drawings. Paror & Co.'s materials and the weight of brass cocks. Detection of coiners."*
9. Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 1 Feb. 1799. 2 sheets.  
*The docket is on a separate wrapper.  
Docketed "Want of engine erectors. Proposal for including erection in our contracts. Improvement in our smiths' work. Application of the endless screw to A. P. lathe. Indifferent state of the work at Foundry."*
10. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 4 Feb. 1799.  
*Titled "Blunder-busses" by M. R. Boulton. Docketed "Mistake about the blunderbusses for the Chief Justice."*

- 11a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 7 Feb. 1799.  
*Enclosing (b) below.*  
*Docketed "New prices. Iron connecting rods. Lingard's engine."*
- b.** Letter. M. R. Boulton for Boulton & Watt (Soho) to Lingard & Were (—). 6 Feb. 1799.
- 12.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 10 Feb. 1799. 2 sheets.  
*Docketed "Upon the question of surrender."*
- 13.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 11 Feb. 1799.  
*Docketed "With copy of deed for Lingard & Were. Sum £660. Schedule for Sutton & Co. Sum £391. Rennie's order for a 2 horse engine."*
- 14.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 12 Feb. 1799.  
*Docketed "Warehouse for little engines. Remarks on diminishing estimates. Drawing instruments wanted."*
- 15.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 20 Feb. 1799.
- 16.** Letter. M. R. Boulton (London St.) to Gregory Watt (Soho). 26 Feb. 1799.  
*Docketed "Estimate for Mr. Stein. Cylinder for Herald. Parliamentary application. Pearson's indentures. Appearance of Salvador in London St."*
- 17.** Letter. M. R. Boulton (London St.) to Gregory Watt (Soho). 8 Mar. 1799.  
*Docketed "His journey to Cornwall."*
- 18.** Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 14 Mar. 1799.  
*Docketed as 13 Mar.*  
*Docketed "Cannot catch runaways. Weston has not settled for costs. Deriabin's order for copying machines [for Russia]. Draft of Spedding & Co. not presented to Mrs. Matthews."*
- 19.** Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 18 Mar. 1799.  
*Docketed "Apprehension of Dilworth. Mr. Boulton's indisposition. Directions for forwarding goods to Mr. Deriabin."*
- 20.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 28 Mar. 1799.  
*On the same sheet:*  
Memorandum. "Brewery" (Results of M. R. Boulton's investigations of the premises and books of the brewery part-owned by Thomas Wilson).  
*Docketed "Statement of Wilson's property and debt to Boulton & Watt."*
- 21.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 30 Mar. 1799. 2 sheets.  
*Docketed "Ferment in Cornwall about lowering the price of copper. Meeting with Harris etc. Difficulty of delivering some accounts. State of Murdock's mining concerns. Boring rods for J. Williams. Specimens of coin wanted."*
- 22.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 4 Apr. 1799. 2 sheets.  
*Docketed "Journey to the West. Eulogium on Giddy. State of opinion in Cornwall. Machinations of Grylls. Proposals of Trevithick – reflections upon them."*
- 23.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 6 Apr. 1799. 2 sheets.  
*On the first sheet:*  
Memorandum. Resolutions of a meeting re. Boulton & Watt's action against William Harris and adventurers of Wheal Crenver and Oatfield Mine. 6 Apr. 1799.  
*Docketed "Copy of Crenver resolutions. Proceedings of Harris. General reflections. Visit from Daniell. Papers wanted."*
- 24.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 10 Apr. 1799. 2 sheets.  
*Docketed as 9 Apr.*

*Docketed "Delivery of sundry accounts. Hallamanin. Visit to Harris and meanness of that personage. Visit to Wheal Abraham. Visit to Borlase and meeting with purser of Wheal Rose. New quibble of the Bullites. Deriabin's copying machines."*

**25.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 11 Apr. 1799.  
*Docketed "Upon the loan to Wilson."*

**26.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 17 Apr. 1799. 2 sheets.  
*Docketed "Attends at meeting of Consolidated Mines. Conference with Daniell and proposals made on both sides. Pleas urged by Daniell and quibbles upon Consolidated agreement. Mr. Thomas informed that our law proceedings will not be suspended. Reasons urged for abatements. Dissentions among adventurers. Applications to sundry people. Horse."*

**27.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 19 Apr. 1799.  
*Docketed "Crenver and consols proposal rejected. General pleas intended to be urged against our demands. Morcam's malice and Mr. Grylls' candour and civility."*

**28.** Transcripts. Three transcripts on the same sheet, as follows:  
Memorandum. Report of a meeting of the Committee of Wheal Crenver Adventurers, Redruth, 19 Apr. 1799.  
Letter. M. R. Boulton (Truro) to the Wheal Crenver Adventurers. 19 Apr. 1799.  
Letter. R. A. Daniell (Truro) to M. R. Boulton [Truro]. 21 Apr. 1799.  
*Sent by M. R. Boulton to James Watt Jr. at 13 London St. on 21 Apr. 1799.*  
*Docketed "Resolution of Wheal Crenver adventurers. Answer thereto by M. R. Boulton. Mr. Daniell's letter and proposal."*

**29.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 22 Apr. 1799.  
*Docketed "Necessity of vigour over law proceedings. Embarrassments of the Wheal Crenver adventurers. Proposal of Mr. Daubery and intended journey. Daniell advances his offer – his intended journey to Bath."*

**30.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 23 Apr. 1799.  
*Docketed "Wilson agrees to our last proposals for settlement of his debt. Repeats Harris and Daniell's proposals. Actions proper to be commenced."*

**31.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 23 Apr. 1799.  
*Docketed "Particulars of agreement with Herland. State of that mine. New Wheal Treasure account. Wheal Gons account. Consolidated agreement to be returned."*

**32.** Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 24 Apr. 1799.  
*Docketed "About the state of Charles Wilson's health. Cornish affairs."*

**33.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 25 Apr. 1799.  
*Docketed "Caution about sealing letters. Suspension of hostilities till decision on the venue is known."*

**34.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 26 Apr. 1799.  
*Docketed "Daniell's perplexities. Modes of evading payment of premium. Inclusion of United Mines. Bad usage of Murdock."*

**35.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 27 Apr. 1799.  
*Docketed "Intended proposal to Daniell. Is to dine with Thomas. Intends further delivery of account to Harris. Ores and costs at Consolidated Mines – protest at ditto. Douglas' premises."*

**36.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 29 Apr. 1799. 2 sheets.  
*On the second sheet:*

Transcript of memorandum. Engines erected by Bull – names of the mines and the adventurers. — Nov. 1794.

*Docketed "List of adventurers in sundry mines. Proposed allowance to Old Wheal Treasure adventurers. Difficulty of obtaining affidavits. Reed's refusal to pay for Balcoath."*

**37.** Letter. M. R. Boulton (Truro) to James Watt Jr. (13 London St.). 4 May 1799.

*Docketed "Interviews with Harris and with Thomas about Wheal Crenver. Intended meeting of Crenver to make fresh proposals. Offers for Wheal Anne. Offers for Wheal Abraham. Proposed meeting of Wheal Gons and Wheal Treasury. Rawe's nonchalance. Policy of douceur to Daniell."*

**38.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 5 May 1799.

*Docketed "His arrangements on the income tax. Proceedings in Cornwall. Daniell's consultation."*

**39.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 9 May 1799.

*Docketed "Terms upon which he conceives it probable a compromise may be effected."*

**40a.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 16 May 1799.

*Enclosing (b) below.*

*Docketed "United Mines proposals. Proceedings in Cornwall. Proposal relative to Murdock. Memorial from United Mines."*

**b.** Transcript of memorandum. United Mines resolutions by order of the Adventurers.  
13 May 1799.

*The original was signed by George Simmons.*

**41.** Letter. M. R. Boulton (Truro) to James Watt (Soho). 20 May 1799.

*Not dated – date taken from the docket. The outside of the letter is directed to Gregory Watt. Docketed "Conclusion with the Adventurers of Wheal Crenver."*

**42a.** Letter. M. R. Boulton (Truro) to James Watt (Soho). 25 May 1799.

*Enclosing (b) below.*

*Docketed "Enclosing bills from the adventurers of Wheal Crenver. Difficulties which occurred in closing that negotiation."*

**b.** Transcripts. Two transcripts on the same sheet, as follows:

Transcript of one bill and list of the other five sent to Boulton & Watt, 25 May 1799.

Transcript of M. R. Boulton's receipt. 25 May 1799.

*In Thomas Wilson's hand.*

**43a.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 31 May 1799.

*Enclosing (b) below.*

**b.** Transcripts. Two transcripts on the same sheet, as follows:

Memorandum. Terms of agreement made between William Hore on behalf of R. A. Daniell and the other adventurers in the Consolidated Mines, and Robinson Boulton on behalf of Messrs. Boulton & Watt. 30 May 1799.

Memorandum. Calculations for offers of terms to different mines.

*In Thomas Wilson's hand.*

*Docketed "Compromise with Daniell. Terms proposed for the remaining recusants."*

**44.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 7 Jun. 1799. 2 sheets.

*Docketed "Advises not to relinquish our mining concerns for the present. Sums proposed by sundry mines. Knavery of Andrew Vivian. Thoughts upon the propriety of his leaving Cornwall. Wishes to proceed against Hallamanin and Crazies Wood."*

**45.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 8 Jun. 1799.  
*Docketed "United Mines offer £10,000 and desire it may be referred to Boulton & Watt. Upon the claims of Mr. Edwards and other adventurers in Wheal Gons to concessions."*

**46.** Letter. Thomas Wilson (Truro) to Boulton & Watt (Soho). 13 Jun. 1799.  
*The letter is docketed as M. R. Boulton, who added a postscript to Wilson's letter and addressed the outside of the letter to James Watt Jr.*  
*Docketed "Bills for £8092.14.9 in full from Consolidated Mines."*

**47.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 16 Jun. 1799. 2 sheets.  
*Docketed "His opinion upon new buildings at Foundry. Expediency of settling with United Mines upon the terms proposed. Interview with Harris. Explanation of the protest at Consolidated Mines. Present to Mr. Edwards."*

**48a.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 19 Jun. 1799.  
*Enclosing (b) below.*  
*Docketed "Settlement with United Mines. Considerations upon settling for the residue of the premiums with other mines."*

**b.** Memorandum (press copy). Terms of agreement made between James William's and George Simmons on behalf of the adventurers in United Mines, and Robinson Boulton on behalf of Boulton & Watt. — Jun. 1799.

**49.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 26 Jun. 1799.  
*On the same sheet:*

Letter. Thomas Wilson (Truro) to Boulton & Watt (Soho). 26 Jun. 1799.  
Transcript of memorandum. Protest by the adventurers of Consolidated Mines.  
*Docketed "Protest of Consolidated Adventurers. Altercation with Harris."*

**50.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 3 Jul. 1799. 2 sheets.  
*Docketed "Settlement with Wheal Gons. Necessity of legal measures with the smaller mines. Hallamanin. Wheal Anne – Chancery proceedings recommended. Godolphin – limitation act. Jonathan Hornblower's piracies. New drum engine at Wheal Unity and new engine at Tincroft. New engine at Godolphin adit formerly a Hornblower at Wheal Providence. Wishes final [?]. List of Hallamanin adventurers."*

**51.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 12 Jul. 1799.  
*Docketed "List of Hornblower's engines and considerations upon the propriety of attacking them. Upon purchase of premium at Wheal Fortune. Offer of service from Count Warren Junior."*

**52.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 13 Jul. 1799.  
*Docketed "Chiefly upon the mortgage of Wilson's brewery etc. Consideration upon the purchase of premium for remainder of term."*

**53.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 15 Jul. 1799.  
*Docketed "Wishes for estimate etc. for double 63 inch for Wheal Prosper."*

**54a.** Letter. M. R. Boulton (Helston) to James Watt Jr. (Soho). "Wednesday" [17 Jul. 1799].  
*Enclosing (b) below.*  
*Docketed "Particulars of pumps at Wheal Prosper. List of engines to be made by Trevithick. Rival engineers in Cornwall."*

**b.** Memorandum. Engines undertaken by Capt. Trevithick and for which he wishes to agree with Boulton & Watt.

**55.** Letter. M. R. Boulton (Truro) to James Watt (Heathfield). 21 Jul. 1799.  
*On the same sheet:*  
Transcript of letter. John Williams (Scorrier) to M. R. Boulton [Truro]. 12 Jul. 1799.  
*Docketed "Notice of Mr. Williams coming to Soho upon the Polgive and Wheal Fortune affairs."*

56. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 22 Jul. 1799. 2 sheets.  
*Docketed "Murdock's shares in the mines. Wilson's commission. Settlement of Wheal Treasure. Wheal Rose adventurers. Trevithick's offer for Wheal Prosper. Considerations upon the engines of Hornblower. Wants estimate for Mr. Daubuz."*
57. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 1 Aug. 1799. 3 sheets.  
*Docketed "Wilson & Co.'s securities. Remittances from Wheal Gons and Wheal Treasure. Settlement with Wheal Anne. Carzize Wood, Wheal Abraham and Hallamanin. Wheal Prosper. Murdock's mining concerns. Rennie's journey to Cornwall. Hornblower's premium. Refund to Consolidated Mines. Present to Mr. Edwards."*
58. Letter. Thomas Wilson (Truro) to Boulton & Watt (Soho). 1 Aug. 1799.  
*Docketed "Mr. Wilson, say Mr. R. Boulton. Enclosing bills for £698 in full from Wheal Anne."*
59. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 9 Aug. 1799.  
*Docketed "Procuring information about Hornblower's engines – wishes for Davies Giddy's assistance. Present to Mr. Edwards."*
60. Letter. M. R. Boulton (Truro) to James Watt Jr. [Soho]. 26 Aug. 1799.  
*The docket is on a separate wrapper.  
Docketed "Mr. Trevenon appointed by Wheal Abraham adventurers. Penrose's procrastination. Wheal Rose renew their proposal of a reference. Mode of stating accounts against Hornblower's engines. Murdock's account with John Williams. Proposal for purchasing his shares in Godolphin etc."*
61. Letter. M. R. Boulton (Truro) to James Watt Jr. (care of Dr. Beddoes, Clifton). 3 Sep. 1799.  
*Docketed "Survey of Hornblower's engines by Mr. Rennie. Waits for Weston's opinion respecting demands on Hornblower. Penrose's delay. Settlement with Wheal Abraham. Settlement with Carzize Wood."*
62. Letter. M. R. Boulton (Truro) to James Watt Jr. (care of Dr. Beddoes, Clifton). 6 Sep. 1799.  
*Re-directed to James Watt Jr. at Messrs. Homfray's, Penydarren, then to Merthyr, then to Soho.  
Docketed "Suggestion respecting Winwood. Weston's instructions not received. Intention of going to London."*
63. Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 10 Sep. 1799.  
*Docketed "Wanting estimates. Proposes leaving Cornwall."*
64. Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 19 Sep. 1799.  
*Docketed "Remitting bills from Goldolphin, Wheal Abraham and Hallamanin."*

**3/38 Letters to James Watt Junior, Gregory Watt, 1800 (22 items)**

1. Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 29 Jan. 1800.  
*Docketed "Advice of forwarding models and papers respecting Hornblowers."*
2. Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 31 Jan. 1800.  
*Docketed "Intention of coming to Town."*
3. Letter. M. R. Boulton (London St.) to Gregory Watt (Soho). 6 Feb. 1800.  
*Docketed "Wanting weight of a 30 horse engine and freight to Bristol."*

- 4.** Letter. M. R. Boulton (London) to Gregory Watt (Soho). 12 Feb. 1800.  
*On the same sheet:*  
Letter. James Watt Jr. (London) to Gregory Watt (Soho). 12 Feb. 1800.  
Transcript of letter. James Watt Jr. for Boulton & Watt (London) to Leeming Myers & Co. (Preston). 12 Feb. 1800.  
*Mis-dated as 12 Jan. by M. R. Boulton.*  
*Docketed "Wanting correspondence relative to mahogany. Tuffen's narrow escape. Copy of letter to Leeming & Jackson."*
- 5.** Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 22 Jul. 1800.  
*Docketed "Weston's occupation and change of opinion. State of Bowman and [?]. Non-arrival of materials. Dayus in want of hands. Accounts not transferred."*
- 6.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 25 Jul. 1800. 2 sheets.  
*Docketed as 26 Jul.*  
*Docketed "His Russian journey deferred. Birmingham discountenanced by Ministry. Little attention paid by Weston to Cornish concerns. Comments on Van Liender's letter. Rival engineers in London. Proposed engagement with Dayus."*
- 7.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 30 Jul. 1800.  
*Docketed "Proposal for vesting the capital in Mrs. Matthews' hands in Navy bills. J. Weston coming to Soho. Ambrose Weston proposes taking joint apartments in the Temple."*
- 8.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 31 Jul. 1800.  
*Docketed "Non-arrival of goods for West India Dock. Rennie's expected order for an 80 horse engine. Hands wanted for Dayus. Intended journey to Cornwall. Papers wanted. Lawson's amours."*
- 9.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 11 Aug. 1800.  
*Docketed "Unpleasant journey. Wants Hornblower's diagram."*
- 10.** Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 13 Aug. 1800.  
*Docketed "Absence of great men. Conference with Rendle. Conference with Bailey. Their demand. Reflections on it."*
- 11.** Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 18 Aug. 1800.  
*Docketed "Wants copy of diagram. List of papers of which he stands in need. Interview with some of the grandees."*
- 12.** Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 30 Aug. 1800.  
*Docketed "Remittance from Herland. Negotiations with the Hornblowers. Offer of £1500 from Wheal Unity."*
- 13.** Letter. M. R. Boulton (Truro) to Gregory Watt (—). 1 Sep. 1800.  
*Docketed "Wanting estimate. North Downs to be stopped. Poldice to be recommenced."*
- 14.** Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 1 Oct. 1800.  
*Docketed "Advice of his settlement with Wheal Unity, Tincroft and Tresavean and Baldue and enclosing bills from them. Wheal Margaret and the Wherry hold out. Their intended meeting and measures recommended to be adopted with them. Payment of goods – United Mines."*
- 15.** Letter. M. R. Boulton (Truro) to Gregory Watt (Soho). 1 Oct. 1800.  
*Docketed "Enclosing sundry bills from Wheal Unity and Tincroft."*
- 16. Letter.** M. R. Boulton (Truro) to James Watt Jr. (Soho). 7 Oct. 1800.  
*Docketed "Approves of sketch of proposals to Lawson. Agrees to reinforcements at Foundry. Wheal Margaret meeting deferred. Capadey escapes his pursuers."*

17. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 11 Oct. 1800. 2 sheets.

*On the second sheet:*

Transcript of memorandum. Mr. Edwards' Opinions etc.

*Docketed "Meeting of Wheal Unity and Wheal Margaret and partial settlement rejected. Considerations on measures to be pursued with the Minorities. Meeting of Wheal Pool adventurers negatory. Recommends proceedings against them. Offer made by Wallis for Goldolphin. Wants estimates of a 24 and 36 inch single engine for Daniell and others. Edwards' opinion upon the probable result of an application to the Vice-Warden's court by Wherry adventurers."*

18. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 12 Oct. 1800.

*Docketed "Proposal of Mr. Daubuz to try the Vice-Warden's court. Letter to Weston respecting recusants. Hornblower's pusillanimity, absurdity and disgrace."*

19. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 21 Oct. 1800.

*Docketed "New meeting of Wheal Pool adventurers and claim of Limitation Statute. Mr. Stockdale's shares in Consolidated Mines."*

20. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 28 Oct. 1800.

*On the same sheet:*

Transcripts of four letters, as follows:

John B. Bayley (Plymouth) to Thomas Wilson [Truro]. 6 Oct. 1800.

Thomas Wilson (Truro) to John B. Bayley [Plymouth]. 16 Oct. 1800.

John B. Bayley (Plymouth) to Thomas Wilson [Truro]. 18 Oct. 1800.

Thomas Wilson (Truro) to John B. Bayley [Plymouth]. 24 Oct. 1800.

*Docketed "Correspondence with Bayley. Remarks and suggestions on the Wherry affair. Godolphin. No forgers to be expected from Cornwall."*

21. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 29 Oct. 1800.

*Docketed "Daubuz etc. lukewarm. Consideration respecting agreements with the willing adventurers. List of adventurers sent to Weston. Writs to be served upon the refractory ones. Query as to giving up the action against Hornblowers."*

22. Letter. M. R. Boulton (Truro) to James Watt Jr. (Soho). 30 Oct. 1800.

*Docketed "Advice of payments from East Pell, Wheal Providence, Wheal Tregothnan, Baldue and Lostwithiel adventurers. Remittance of £521.18.8 from Wilson."*

**3/39 Letters to James Watt Junior, 1801 (20 items)**

**3/40 Letters to James Watt Junior, 1802 (17 items)**

1. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 5 Jan. 1802.

*Mis-dated by M. R. Boulton as 1801.*

*Docketed "State of Mrs. Matthews' health. Woodward and Mosley have her power of attorney. Thinks that business may be transacted with them as usual. Favourable report of Mr. Stewart."*

2. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 7 Jan. 1802. 2 sheets.

*Docketed "Very doubtful of the state of Mrs. Matthews. Weston proposing a banking connection with Boddington Sharp & Tuffen. Objections to it. Bankers' general terms for transacting country business. Down Thornton & Co.'s repulsive answer. Woodward and Mosley desirous of remaining connected with us. Bills to be sent to Woodward on suspense account."*

3. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 8 Jan. 1802.

*The address and docket are on a separate wrapper.*

*Docketed "Dr. Babington reports Mrs. Matthews' case hopeless. Proposal of transacting business temporarily with Woodward and Mosley. Thinks Mrs. Vere should appoint one of us her attorney."*

4. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 9 Jan. 1802.  
*Docketed "Death of Mrs. Matthews. Arrangements about her will and funeral. Proposes that we should draw upon his father. Weston wishes to see Gott's brief versus Bramah."*
5. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 12 Jan. 1802.  
*Docketed "Receipt of bill £300. Procuration to be given to Woodward. Particulars of Mrs. Matthews' will. Disposition of the executors to pay off our balance. Lodgement of bills proposed in Down & Co.'s hands. Wishes William D. Brown's opinion upon the project."*
- 6a. Letter. M. R. Boulton (—) to James Watt Jr. (Rookery). "Tuesday Evening" [8 Jun. 1802].  
*Docketed "Enclosing letter from Mr. Clarke, respecting the assault upon Davison."*
- b. Letter. N. G. [?] Clarke (Brown's Green) to M. R. Boulton (—). "Tuesday Afternoon" [8 Jun. 1802].
7. Letter. M. R. Boulton (Soho) to James Watt Jr. [Leeds]. 11 Jun. 1802.  
*The address has been torn away.  
Docketed "Dixon not returned. Account of James Law's proceedings."*
8. Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 16 Jun. 1802.  
*The docket is on a separate wrapper.  
Docketed "Returning Hughes' indentures with Mr. Lane's warrant. Conduct of Dixon and old Hughes. Sentiments upon proceedings at Leeds."*
9. Letter. M. R. Boulton (Soho) to James Watt Jr. (at G. Lee's, Salford). 21 Jun. 1802. 2 sheets.  
*Docketed "Narrative of proceedings against Hughes and his son. Three other apprentices upon the point of absconding. General ferment among the workmen in Wales etc."*
10. Letter. M. R. Boulton (Soho) to James Watt Jr. (care of G. Lee, Salford). 24 Jun. 1802.  
*Docketed "Hughes' disgrace among his shopmates. His son not partial to Leeds. Order from Daintry Ryle & Co. Scarth Marshall & Co.'s piston rod."*
11. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London). 21 Nov. 1802.  
*Docketed "Straw Paper Co. accede to our proposal of taking back the engine, but require a month for the payment. Death of Mrs. Keir."*
12. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London). 23 Nov. 1802.  
*Docketed "Copy of proposal to Straw Paper Co. Copy of observations on Mr. Murray's patent. Gravesend Tunnel account. Fishwick suspends the order for his engine. Dayus to furnish sundry particulars. Expense of the repairs in London Street."*
13. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London). 29 Nov. 1802.  
*Docketed "Mr. Southern to write respecting Chelsea Water Works. Parcel sent with drawings of nozzles and eccentric circles. Fishwick has sent no answer. Thinks Koops Tate & Co.'s engine may be safely recommended to Peckover & Bellamy. Lawson set out upon his return. Creighton's want of energy in business. Letter from Grimshaw & Co."*
14. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London). 1 Dec. 1802.  
*Docketed "Thinks we may undertake the order for the Isle of Dogs. Estimate to be sent soon. Hereford Flour Co. decline giving an answer until the 23<sup>rd</sup> inst. Easterby & Hall decline parting with their 20 horse engine to Hawkes & Co. New order for 20 horse engines."*

15. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London).  
5 Dec. 1802.  
*Docketed "Mr. Southern does not intend coming to Town at present. Time necessary for the preparation of split nozzles."*

16. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London).  
6 Dec. 1802.  
*Docketed "Estimate of Isle of Dogs forwarded to Mr. Rennie. Orders from Strutt and Parkes. Estimate of 14 horse cylinder for Hawkes & Co. Remarks upon receiving back William Cox and Salvatore Viaggio."*

17. Letter. M. R. Boulton (Soho) to James Watt Jr. (29 Norfolk St., Strand, London).  
7 Dec. 1802.  
*Docketed "Correction of the estimate for Hawkes & Co.'s 14 horse cylinder."*

**3/41 Letters to James Watt Junior, Gregory Watt, 1803 (25 items)**

1. Letter. M. R. Boulton (Manchester) to James Watt Jr. (Soho). 20 Mar. 1803.  
*Docketed "Defects of working gear in Houldsworth's engine – proposed remedy. Dixon & Co.'s engine not free from shake. Visit to Murray's new engine at Bolton. Vickers & Tedstill will have their engine finished in a few days. Proposes Pearson and Wright to erect the Radford Cotton Co.'s. Order for S. Bridge – 30 horse. Order for Buchan & Shaw – 20 horse. Order for Jessie Howard – 6 horse. To settle about the cold water pumps and inform us."*

2. Letter. M. R. Boulton (Manchester) to James Watt Jr. (Soho). 23 Mar. 1803.  
*Docketed "Precarious situation of Scarth Marshall & Co. who will take the 45 horse proposed for Tredegar Co. S. Bridge alters his order to a 60 horse. Bennet determines on a 32 horse. Aston's engine to start on Friday. W. Wright to be sent to Radford in a day or two."*

3. Letter. M. R. Boulton (London St.) to James Watt Jr. (Soho). 1 Jun. 1803.  
*Docketed "Has entered into Recognisance for the costs of the Scire Facias against Murray, which will be immediately sent off. Weston's advise Schofield's effects to be taken in execution etc."*

4. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 13 Jun. 1803.  
*Docketed "Proposes leaving Town for Wisbeach and Boston. Will settle respecting the destination of John Brunton, Shakespear and Poole. Dayus to go to Manchester and return by Soho. Dayus has taken a new house with the intention of opening a shop and has already begun to supply our customers. Weston desirous of receiving the models and digest of the evidence. Murray's agent offers us the use of his inventions."*

5. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 24 Jun. 1803.  
*Docketed "Murdock not returned. Will put the models into hand as soon as he comes."*

6. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 26 Jun. 1803.  
*Docketed "Observations on Murray's offer to admit us to use his patents. Murdock repairing Spode's engine – bad account of it. Heath has ordered two of Trevithick's. Wilkes & Co. have remitted in full. Alston's report of the badness of trade at Manchester. Visit from Prince of Esterhazy."*

7. Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester).  
28 Jun. 1803. 2 sheets.  
*Docketed "Enclosing Mr. Candlish's acceptance for £852.18. Proposes taking twist from Houldsworth. Dayus upon his return to Town – seems unwilling to relinquish his shop. John Brunton paying his addresses to a ward of Mr. Swinburn at Derby."*

- 8.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 30 Jun. 1803.  
*Docketed "P. Marsland's account. Receipt of bills from Daintry & Ryle. W. Wright has a balance owing to him which is proposed to be paid at Manchester. Tait & Co. of Dowlais apply for an estimate of a rolling mill engine. Case of Murray received and revised."*
- 9.** Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 10 Jul. 1803.  
*Docketed "Proposes the paragraph respecting Murray's trial to be inserted in some of the periodical publications. Reflections on Murray's defeat."*
- 10.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 13 Jul. 1803.  
*Docketed "Dispute at Wisbeach between John Brunton and Rennie's men. De Tastet's brother upon a visit wishing to see the Manufactory."*
- 11.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 15 Jul. 1803.  
*Docketed "The curtailed statement of the proceedings versus Murray approved of at Soho. Letter from Mr. Kershaw respecting nozzles ordered for him by Thomas Livesey. Arrival of Southern and Murdock with parts of Symonds' engine."*
- 12.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Coates & Co., Hull). 20 Jul. 1803.  
*Docketed "Betts and Partridge have absconded. Moseley to be discarded. Tyne Iron Co. give up their engine. William Harrison's absence likely to retard our progress in the execution of orders. Halliday & Co. apply for a man to erect their engine. Letters from Mr. Clegg and his nephew. Account with Brooke & Pease. Heat of the weather."*
- 13a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 26 Jul. 1803.  
*Enclosing (b) below.*  
*Docketed "Apprehension of Betts and alternatives to be offered him. Leach's thievery and proposed mode of punishing him. Enclosing copy of Murray's advertisement with suggestion for an answer. Murdock's intended expedition to Scotland."*
- b.** Cutting from *The Star*. Letter of Matthew Murray to the editor, 19 Jul. 1803.  
*Titled "Patent Steam Engine Manufactory."*
- 14.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 1 Aug. 1803.  
*The address and docket are on a separate wrapper. Docketed "Drawings sent to William Wilkinson. Enquiry about framing for sundries. Observations upon Hope's tenants' engine. Meeting at Handsworth for military preparations. The Smethwick meeting offers the command of their corps. Subscriptions made to our ward in London and proposed subscription at Lloyd's."*
- 15.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 3 Aug. 1803.  
*Docketed "Advising of sundry accounts and schedules. Increase of price to Kenworthy & Brierley in consequence of the fly being on the first shaft. Executions against Schofield sent to Mr. Jones. Proposes bill of sale from McCandlish. Proposes Moilliet's order for twist to be executed by Houldsworth. Leach sent to town under escort of Mr. Lodge. My name upon the Grand Jury at Stafford and proposed meeting at the assizes there."*
- 16.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 3 Aug. 1803.  
*Docketed "Proposes a wooden teeth rim for P. Marsland's connecting wheel. Estimate of a 24 horse for Mr. Beaver. Expects an elopement of some of the apprentices."*
- 17.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 6 Aug. 1803.  
*Docketed "Walter Peters' bill returned not paid. Letter from Mr. Little respecting the debt of Kenton Colliery."*

- 18.** Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 13 Aug. 1803.  
*Docketed "Enclosing Woodwind's letter. Enclosing accounts against Spade. Wore countermands his order."*
- 19.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 15 Aug. 1803.  
*Docketed "Enclosing note of Kenton Colliery for £654.1.6 returned not paid. Proposes Lawson to go thither and Jones to be consulted. Thinks we are entitled to some indemnification from Mr. Wore."*
- 20a.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 17 Aug. 1803.  
*Enclosing (b) below.*  
*Docketed "Recommends Lawson's going on to Scotland to collect the debts there owing. Encloses Creighton's letter of 13 August. Statement of Scotch accounts. Order from Mr. Fulton for sundry parts of an engine."*
- b** Transcript of letter. William Creighton (Glasgow) to Boulton Watt & Co. [Soho]. 13 Aug. 1803. *Docketed "Sword Hayward & Co. are satisfied with the engine but decline settling at present. State of White's order and Wilson's engine. Perth Foundry engine started."*
- 21.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 18 Aug. 1803.  
*Docketed "Application from Messrs. Fray Hole and Potter. Second circular from Sir J. H. Little respecting the debt of Kenton Colliery."*
- 22.** Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 22 Aug. 1803.  
*The docket is on a separate wrapper.*  
*Docketed "Estimates of a 36 and 40 horse engine for the Ark Company. Mistake in Kenworthy's shaft. Observations on Reid Irving & Co.'s proposal. McGeorge's bill returned and copy of letter from him. Proposes some person to be authorized to act for us at Edinburgh. Glasgow accounts to be sent to Gregory. Perth account already sent to themselves."*
- 23.** Letter. M. R. Boulton (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 24 Aug. 1803.  
*Re-directed to Gregory Watt at the Post Office, Aberdeen, but returned to Gilbert Hamilton's. Docketed by Watt Jr.*
- 24.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips Wood & Lee, Manchester). 24 Aug. 1803.  
*Docketed "Time of forwarding sundry of the Manchester engines. Particulars of what passed at the Parish meeting respecting volunteers etc."*
- 25.** Letter. M. R. Boulton (Soho) to James Watt Jr. (—). "Monday" [31 Oct. 1803].  
*On the same sheet:*  
Transcript of letter. Adam & George Murray (Manchester) to Boulton Watt & Co. [Soho]. 29 Oct. 1803.  
*Docketed as 1 Nov., which was a Tuesday. Address torn away.*  
*Docketed "Has dispatched Mr. Hutton to learn what Lawson has done with the bills of A. & G. Murray deposited in his hands. William Wilkinson at Soho."*

**3/42 Letters to James Watt Junior, 1804-1807 (31 items)**

**1804.**

1. Letter. M. R. Boulton (Soho) to James Watt Jr. (London St.). 5 Feb. 1804.  
*Docketed "Sir R. Smythe & Co. urge the completion of assignment. Time as mentioned for completion of Mr. Turner's 12 horse engine. Mr. Lawson's mission to South Wales not effectual."*
  
2. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 9 Feb. 1804.  
*Docketed "Upon the mode of passing Woodward's salary etc. The consideration of an allowance for rent postponed. Walkers' of Rotherham order a blowing engine. Addenbrooke accepts our proposal for the small engine. Phyn Inglis & Co. impatient about their engine. Anomalous result of experiments with the dense steam engine. Cloth arrived from Mr. Austin."*
  
3. Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 4 May 1804.  
*On the same sheet:*  
Transcript of letter. Mr. — Watson (Birmingham) to Boulton Watt & Co. [Soho]. "Thursday Evening" [3 May 1803].  
*Forwarded to James Watt Jr. at Mr. Tuffen's, corner of Upper Grosvenor St., Park Lane, London.*  
*Docketed "Application made by Watson & Co. of Preston for estimate of a 40 and 45 horse engine with his address in Town etc."*
  
4. Letter. M. R. Boulton (Soho) to James Watt Jr. (at J. Tuffen's, top of Grosvenor St., Park Lane, London). 9 May 1804.  
*Docketed "Enclosing Mr. Southern's account of his transactions at Wisbeach. Van Liender requests estimate of a 4 horse. Failure of spur wheel at Fazeley Street."*
  
5. Letter. M. R. Boulton (Tenbury) to John Southern (Soho). 12 Aug. 1804.  
*Marked "Rec<sup>d</sup>. at Soho Aug. 18<sup>th</sup>."*  
*Docketed "Stourport engine house very backwards. Varley to go to Purnell's if John Brunton comes not by middle of week."*
  
6. Letter. M. R. Boulton (Soho) to James Watt Jr. (Sidmouth). 29 Sep. 1804.  
*On the same sheet:*  
Transcript of letter. John Cooper Jr. & Co. (Trowbridge) to Boulton Watt & Co. [Soho]. 26 Sep. 1804.  
*Docketed "Encloses copy of a letter from Messrs. Cooper of Trowbridge. Proposes that I should visit him on my return."*

## 1805

7. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 21 Mar. 1805. 2 sheets.  
*Docketed "Weston's advice respecting Robert Hodges' affair. Bough Hollinsworth & Co.'s engine will be secured. Rennie enquires time for the construction of two engines for the Prince of Wales Island. Has not met with Capt. Mulcaster. Correction of the date furnished by Dayus for the engine at Waltham Abbey."*
  
8. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). "Friday Evening" [22 Mar. 1805].  
*Docketed "Requests that plans of Col. Mylne's engine may be made out same as those for the Dublin Canal Royal."*
  
9. Letter. M. R. Boulton (London) to James Watt Jr. (—). 24 May 1805.  
*Docketed "Interview with S. Wyatt upon the subject of Eginton's debt etc. Late advances made by the Albion Mill Co. Progress making in his Treasury business. To see Rennie etc. etc."*
  
10. Letter. M. R. Boulton (Mark Lane, London) to James Watt Jr. (Soho). 27 May 1805.  
*Docketed "Rennie's information respecting the undertaking at the Prince of Wales Island and Mr. Barailler. Good performance of small engines in the West Indies. Rennie's order for 3 or 4 positive. Dayus neglects our business. Complaints of the mortar engine at East India Docks."*

**11.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Gilbert Hamilton, Glasgow). 30 Jul. 1805.  
*On the same sheet:*  
Transcript of letter. Wilson & Sons (Wilsontown, by Edinburgh) to Boulton Watt & Co. (Soho). 26 Jul. 1805.  
Transcript of letter. George Taylor (Fort William) to Boulton Watt & Co. [Soho]. 19 Jul. 1805.  
*Docketed "Wilson & Sons' application and order for an engine. Letter from G. Taylor respecting Caledonian Canal engines. Blackburn Twist Co. order a six horse. Mr. Chapman orders a six horse. Visit from Tate respecting Barailler's schemes. C. H. Core of Edinburgh applies about a small engine."*

**12.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Gilbert Hamilton, Glasgow). 6 Aug. 1805.  
*On the same sheet:*  
Transcript of letter. Arch. Baine for the Gourrock Ropework Co. (Greenock) to Boulton Watt & Co. [Soho]. 2 Aug. 1805.  
*Docketed "Gourrock Co. want a man. Thomson has been written to at Col. Mylne's."*

**13.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 25 Oct. 1805.  
*Docketed "One of Mr. Rennie's millwrights to be sent out with the engines to Essequibo and to be sent to us to be instructed."*

**14.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). "Monday Evening" [4 Nov. 1805].  
*Docketed "Enquiry made by Mr. Hawkes for estimates of a 30 and 40 horse engine and by Brown & Parry for estimate of a 30 horse engine."*

**15.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 6 Nov. 1805.  
*Docketed "History of Brown & Parry's intended establishment. Estimates of 30 and 36 horse engines to be sent to them and made payable on delivery. Capt. King wants the account of his engines and extra articles. Settlement with Dayus."*

## **1806.**

**16.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of J. Furnell Tuffen, Park Lane, Upper Grosvenor St., London). 14 Jan. 1806.  
*M. R. Boulton has made notes about payments to employees Noah Newman, Thomas Newman and John Shakespear on the same sheet on 20 Jan.*  
*Docketed "Proposed agreement with William Wright and his intended departure for London. Lawson to set out next day. Mr. Murdock better and his light succeeding well."*

**17.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips & Lee, Manchester). 18 Feb. 1806.  
*Docketed "Accounts from Mr. Pearson. Balance of his books."*

**18.** Letter. M. R. Boulton (Soho) to James Watt Jr. (—). 25 Feb. 1806.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to S. Bridges (Manchester). 20 Dec. 1805.  
*Docketed "With schedule and copy of letter with estimate for S. Bridges. Lawson has sent a remittance from Tredegar. Crawshay orders a 40 inch."*

**19.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips & Lee, Manchester). 27 Feb. 1806.  
*On the same sheet:*  
Transcript of letter. Wood Daintry & Wood (Macclesfield) to Boulton Watt & Co. [Soho]. 26 Feb. 1806.  
*Docketed "Wood Daintry & Co. complain of their syphon balls. Billingsley not prepared with a remittance. Rennie employed by the Admiralty."*

**20.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips & Lee, Manchester).  
1 Mar. 1806.

*On the same sheet:*

Letter. Jones & Milne (Manchester) to Boulton Watt & Co. 27 Feb. 1806.

*Docketed "Letter from Jones & Milne respecting Brierley. Murdock arrived and engaged with Mr. Southern. Expects to be sent for to Town."*

**21.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips & Lee, Manchester).  
3 Mar. 1806.

*Docketed "Receipt of bill from Marsland. Receipt of bill of £1000 from Mold Twist Co. They want explanation of part of the account. Southern and Murdock occupied with Lee's photogenous order. Henry Creighton to send sketch of crane. Cost of connecting wheel for James Kennedy and list of materials to be returned corrected. Bridges' steam pipes to be charged separately. Murdock ready to return on Friday. Orders and estimates."*

**22.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips & Lee, Manchester).  
9 Mar. 1806.

*Docketed "Respecting Watson & Co.'s connecting wheels – means taken to forward them."*

**23.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of Philips & Lee, Manchester).  
17 Mar. 1806.

*On the same sheet:*

Estimate. Connecting Wheels from A. & G. Murray.

*Docketed "Difference of cost between wheel with iron and wooden teeth for a fly. Murray.*

*Additional cost of Bridges' connecting wheels. Crawshay countermands his order.*

*Dangerous illness of Dr. Carmichael occasioned by the death of his servant. Intention of going to Town. Receipt of bills from McConnell & Kennedy."*

#### **1807.**

**24.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 26 Jan. 1807.

*On the same sheet:*

Transcript of letter. William Balston (Maidstone) to Boulton Watt & Co. [Soho]. 23 Jan. 1807.

*Docketed "Upon Bury's proposals. Letter from Mr. Balston ordering pipes and enquiry about lighting apparatus."*

**25.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 3 Feb. 1807.

*Docketed "Information to be taken respecting the parties on whom Henry Houldsworth & Co.'s bills are proposed to be drawn."*

**26.** Letter. M. R. Boulton (Soho) to James Watt Jr. (13 London St.). 19 Feb. 1807.

*Docketed "Mr. Gibbons' proposals for extending his security and increasing his drafts on the London House."*

**27.** Letter. M. R. Boulton (Soho) to James Watt Jr. (London). 26 Feb. 1807.

*Docketed "Upon John Pooley's proposals to his creditors. Bury objects to giving security."*

**28.** Letter. M. R. Boulton (London) to James Watt Jr. (—). 9 Mar. 1807.

*Docketed "Enclosing Gillespie's letter respecting the speed of the Danish forge engine."*

**29a.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 13 Mar. 1807.

*Enclosing (b) below.*

*Docketed "Enclosing advertisement of David Whitehead & Co. Millward's have not yet accepted our draft. About the flooring of the Mint engines."*

**b.** Printed advertising leaflet. David Whitehead & Co., Brass & Iron Founders, Soho Foundry, Manchester and Portwood Foundry, Stockport.

**30.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). "Friday Evening" [13 Mar. 1807].

*Docketed "Enquiry respecting his father's health."*

**31.** Letter. M. R. Boulton (Weymouth) to James Watt Jr. (Soho). 9 Sep. 1807.

*Docketed "Upon the discount to be allowed by James Watt & Co. to the London dealers."*

**3/43 Letters to James Watt Junior, 1808-1809**

**(14 items)**

**1808.**

**1.** Letter. M. R. Boulton (Leamington Spa) to James Watt Jr. (Soho). 18 May 1808.

*Not dated – date taken from the docket.*

*Docketed "Respecting the present to Mr. Foreman on his leaving our service."*

**2.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 8 Jul. 1808.

*Docketed "Interview with Black & Parry and favourable opinion of them. Has seen Sandell & Edwards. Remarks upon copying paper, and specimens sent. Conference with Mr. De Paiva."*

**1809.**

**3.** Letter. M. R. Boulton (Bath) to James Watt Jr. (Soho). 5 Mar. 1809.

*Docketed "Wishes to have particulars of engines and accounts in the neighbourhood of Bath. State of his health. Mr. Lapp has given him specimens of cobalt etc."*

**4.** Letter. M. R. Boulton (Bath) to James Watt Jr. (Soho). 8 Mar. 1809.

*Docketed "Proposes being at home by the middle of next week."*

**5.** Letter. M. R. Boulton (Soho) to James Watt Jr. (care of John Crummer, Howey, near Builth). 31 Mar. 1809.

*On the same sheet:*

Transcript of letter. John Rennie (Boston) to Boulton Watt & Co. 23 Mar. 1809.

*Docketed "Enclosing copy of a letter from Mr. Rennie respecting Lund's engagement. Intends going to Town to oppose the bill of the Gas & Light Company."*

**6.** Letter. M. R. Boulton (London) to James Watt Jr. (care of Cheese & Davies, Kington). 13 Apr. 1809.

*Docketed "Progress making by the Gas & Light Co. in their application to Parliament. Terms proposed by Sir Alexander Grant for Lund."*

**7.** Letter. M. R. Boulton (London St.) to John Southern (Soho). 20 Apr. 1809.

*Docketed "Letter from Mr. Brown and remarks upon the engines wanted by him for drainage. Proposed interview with the Gas & Light Company. Enquiry about agreement with Lund."*

**8.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 22 Apr. 1809. 2 sheets.

*Docketed "Gas light bill."*

**9.** Letter. M. R. Boulton (London) to Boulton Watt & Co. (Soho). 24 Apr. 1809.

*Docketed "Mr. Rennie wants estimate of an engine and pumps for the Woolwich Water Works."*

**10.** Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 30 Jun. 1809.

*Docketed "Upon the responsibility of the Woolwich Water Works. Suspends the delivery of our letter for the present. Deduction to be made from the estimate. Meux & Co. intend ordering a 30 horse engine."*

11. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 4 Jul. 1809.  
*Docketed "Has delivered the estimate of the 6 horse engine to Mr. Bourdelain, who wants estimates of 8 and 10 horse engines. Thinks Meux & Co. should have a 32 horse engine. Directions respecting his gig."*

12. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 4 Jul. 1809.  
*Docketed as 5 Jul.*  
*Docketed "Recommends Mr. Cummings of the India House."*

13. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 8 Jul. 1809.  
*Docketed "Urges the necessity of stating a less time for the execution of Meux & Co.'s order. Mr. Rennie willing to allow more time for the 10 horse engine for the Witham drainage."*

14. Letter. M. R. Boulton (London) to James Watt Jr. (Soho). 14 Jul. 1809.  
*Docketed "Enclosing copy of his letter to the Woolwich Water Works. Meux & Co. to have a 32 horse engine."*

**3/44    Miscellaneous Letters to John Southern, 1796-1803                    (12 items)**

*Letters from Matthew Robinson Boulton to John Southern, head of Boulton & Watt's Drawing Office, from 1796 to 1803. The letters of 1796 were sent from Manchester, when Matthew Robinson Boulton was there in June pursuing various the accounts of various pirate engines. The summaries were made during the Archives of Soho Project in 2000.*

1. Letter. M. R. Boulton (Manchester) to John Southern (Soho). Circa 18 May 1796.  
*Has been so occupied with pirates that he had to defer his visit to engine customers until this morning. Those he has seen are "much satisfied". Nightingale, Harris & Co. wish to replace their "Savary" engine with a 10 horse Boulton & Watt. M. R. Boulton's rough estimate for them. Isaac Perrins' progress with B. & W. Sandford's engine. Mr. Lee's preparations for his new boiler. He intends to try some of Count Rumford's ideas. Encloses a bill of exchange for £50 from Holland & Bridge for a year's premium, which they insist is due. James Pearson had only charged them for half a year's premium. Can Southern find out if Simpson's have paid. M. R. Boulton did not date or address this letter. It is postmarked "Manchester" and Southern docketed it as being received on 19 May.*

2. Letter. M. R. Boulton (Manchester) to John Southern (Soho). 23 May 1796.  
*Has corrected the error in Holland & Bridge's account. Encloses 3 bills of exchange worth £99.4.- from J. Lees who has bought Seedhouse's engine. Has not yet settled Barrow Lees & Co.'s account. "Delinquents" are still resisting – [James?] Bateman and Jos. Thackeray are planning to alter their engines to "the old construction". Thackeray's Garratt's mill has been stopped. Will deliver B. & W. Sandford's drawings to Isaac Perrins. Progress with their boiler. Thomas Horton has finished Mr. Lee's boiler. After he has been to Mr. Owen's he will complete P. Atherton's boiler. Atherton's undertaking is not well known.*

3. Letter. M. R. Boulton (Manchester) to John Southern (Soho). 29 May 1796.  
*Does not know which bill of exchange Southern was alluding to in his last letter. Details of the bills of exchange he sent to James Watt. Encloses two bills of exchange for James Watt & Co. Peter Ewart has been asked to procure an estimate for a 12 horse engine by Mr. Meyers of Liverpool. Submission of Bateman, which should open an extensive market for Boulton & Watt. Boulton & Watt's great deficiency is the lack of a good engine erector based in Manchester. ? [part of letter torn away – Perrins?] has disgusted several of their customers. Faults with Mr. Lee's boiler.*

4. Letter. M. R. Boulton (Manchester) to John Southern (Soho). 8 Jun. 1796.  
*Problems with Mr. Lee's boiler. Thomas Horton risks discrediting his workmanship and he should come to repair it. He should also prevent similar blunders with the boilers for Mr. Owen, to avoid ruining the reputation of the boilers Boulton & Watt supply. Hopes to conclude his business with the pirates by the end of the week.*

- 5.** Letter. M. R. Boulton (Soho) to John Southern (—). 12 Jun. 1796.  
*M. R. Boulton did not address this letter, and only noted the date as “Sunday Evening”. Southern docketed it as being written at Soho on 12 Jun.. Can Southern forward a corrected version of the estimate to him in Manchester, as the one Southern has already sent may have been returned. M. R. Boulton has taken the copies from the drying book. Can Southern look into the state of B. & W. Sandford’s engine as they are anxious to have it completed.*
- 6.** Letter. M. R. Boulton (Manchester) to John Southern (Soho). 14 Jun. 1796.  
*Problems of repairing Mr. Lee’s boiler. Thomas Horton vouches for the solidity of the boilers for Owen & Co. P. Atherton’s factory is not yet ready. Southern’s letter never arrived – can he address all future letters to M. R. Boulton at Mr. Jones.*
- 7.** Letter. M. R. Boulton (Manchester) to John Southern (Soho). 18 Jun. 1796.  
*Can Southern trace a letter that should have been sent back to Birmingham. Concern that it might fall into “the enemy’s possession”. The estimate arrived. Some of the “discarded Sohoites” in Manchester may try to cause trouble for Boulton & Watt. Problems with fitting the steam pipe to Owen’s engine, caused by a builder’s error. Mr. Lee is still “sore” about his boiler – it is pointless making accusations about his engineers at the present time. Asks for an estimate for 41 inch single reciprocating engine for a colliery.*
- 8.** Letter. M. R. Boulton (Manchester) to John Southern (Soho). 19 Jun. 1796.  
*Can Southern confirm the arrangement for Mr. Lloyd the builder to use a small field by the Foundry for his horse. Mr. Lee will call briefly at Soho on his way to Bath.*
- 9.** Letter. M. R. Boulton (London) to John Southern (Soho). 6 Feb. 1797.
- 10.** Letter. M. R. Boulton (London) to John Southern (Soho). [7 May 1798].  
*M. R. Boulton did not address or date this letter. Southern has noted that it was received on 8 May and docketed it as being from London, 7 May. Proposals for a 32 horse engine for a corn mill in Portugal, as requested by Messrs. Chease & Langham. John Rennie’s proposals for the millwork. Can Southern send the estimate to M. R. Boulton. Mr. Wyatt disagrees with Southern over the amount of flour wheat produces. M. R. Boulton has not forgotten Southern’s query about the sluice at Mr. Spencer’s mill. Mr. Ramsden promised to show M. R. Boulton Southern’s portable barometer, but M. R. Boulton doubts that he has made it.*
- 11.** Memorandum. “Extract of a letter from Mr. R. Boulton dated Truro 22 July 1799.”  
*In James Watt Jr.’s hand. The extract is taken from Boulton’s letter to Watt Jr. of 22 Jul., and further calculations have been added. Watt Jr. presumably passed to extract to Southern, as the docket is in his hand. Docketed “About estimate for St. Agnes.”*
- 12.** Memorandum. Orders for Manchester. — Mar. 1803.  
*In M. R. Boulton’s hand. Each order has been ticked off. The docket is in Southern’s hand. Docketed “Sundry orders for Manchester March 1803. Mr. James Kennedy cylinder lid. Murray – a dressed pinion. Taylor & Sims’ jack head pump. Hope – repair his old boiler.”*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
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Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 204**

**MS 3147/3/45-75: Correspondence from James Watt Junior, 1789-1830**

**3/45 Letters to James Watt, 1794-1795 (37 items)**

**1794.**

1. Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 14 Apr. 1794.  
*Docketed "List of Herland adventurers."*

2. Letter. James Watt Jr. (Soho) to James Watt (care of Thomas Williams, Anglesey).  
22 Jul. 1794.

*On the same sheet:*

Transcript of letter. Thomas Wilson [Truro] to Boulton & Watt. 17 Jul. 1794.

*Docketed "With copy of letter from Wilson."*

3. Letter. James Watt Jr. (Soho) to James Watt (care of Thomas Williams, Anglesey).  
26 Jul. 1794.

*Docketed "About indemnity bond to Tremayne and others. Timber at Middleton."*

4. Letter. James Watt Jr. (Soho) to James Watt (Post Office, Conway). 31 Jul. 1794.  
*Re-directed to James Watt at Wrexham. Docketed "Malcolm Logan."*

5. Letter. James Watt Jr. (Manchester) to James Watt (Heathfield). 21 Sep. 1794.

6. Letter. James Watt Jr. (Manchester) to James Watt (Heathfield). 27 Sep. 1794.  
*Docketed "Holt. Illingworth. Joseph Baker & Co."*

**1795.**

7. Letter. James Watt Jr. (London) to James Watt (Heathfield). 9 Jan. 1795.  
*Docketed "Arrival in Town."*

8. Letter. James Watt Jr. (London) to James Watt (Heathfield). 10 Jan. 1795.  
*Letter forwarded to Matthew Boulton by James Watt on 12 Jan., with a note added by the latter. Docketed "Consultation deferred – Poldice, Consolidated Mines etc. Retaining Mansfield."*

9. Letter. James Watt Jr. (London) to James Watt (Heathfield). 12 Jan. 1795.  
*Docketed "Consultation on special case. Adair's opinion of refund."*

10. Letter. James Watt Jr. (London) to James Watt (Heathfield). 13 Jan. 1795.  
*Docketed "Case of Consolidated Mines and other Cornish affairs. Spence, Severn, Cox King & Curtis."*

11. Letter. James Watt Jr. (London) to James Watt (Heathfield). 16 Jan. 1795.  
*Docketed "Probability of an adverse decision in Common Pleas. Consultation appointed with Erskine. Mr. Parker."*

12. Letter. James Watt Jr. (London) to James Watt (Heathfield). 18 Jan. 1795.  
*Docketed "Plummer's opinion on refund. Mr. Parker's scheme."*

- 13.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 20 Jan. 1795.  
*Forwarded by James Watt to Matthew Boulton. Docketed "Consultation with Erskine. Poldice."*
- 14.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 23 Jan. 1795.  
*Docketed "Case put off. Declaration of James 1<sup>st</sup> not to be found."*
- 15.** Letter. James Watt Jr. (London) to James Watt (—). 28 Feb. 1795.  
*Docketed "Weston's bill to the first argument."*
- 16.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 30 Apr. 1795.  
*Docketed "New Law Trunk. Portable copying machine. Smallman's wife. Capt. Frazier."*
- 17.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 3 May 1795.  
*Docketed "Bott Birch & Co. Mr. Mylne. Marshall & Benyon's quibbles. About erecting a boring mill."*
- 18a.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 7 May 1795.  
*Enclosing (b) below.  
Docketed "Leadhills Co. Horner. Wood. Prices of copying machines."*
- b.** Sketch. Balneum Mariee suggested by Mr. Watt. Undated [circa 9 May 1795].  
*Sketch of "our intended evaporating machine" – a sea water evaporator? The notes are in M. R. Boulton's hand.*
- 19.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 10 May 1795.  
2 sheets.  
*Docketed "Distribution of engine erectors. Cox King & Curtis. Boring mill. Slowness of Coalbrookdale Co. Order from Bott Birch & Co. Brockliss. Leadhills Co."*
- 20.** Letter. James Watt Jr. (Soho) to James Watt (—). 13 May 1795.  
*Docketed "Arrival of Mr. and Mrs. Cochrane. Letter from Mr. L'Eveque."*
- 21.** Letter. James Watt Jr. (Soho) to James Watt (London). 14 May 1795.  
*Docketed "Letter to Foxes. Pneumatic bags. Mr. Horner."*
- 22.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 15 May 1795.  
*Docketed "Letters from Gardner & Co. Proceedings at Heathfield. Fenton's remittance. North Downs double 52 inch engine."*
- 23.** Letter. James Watt Jr. (Soho) to James Watt (—). 5 Jun. 1795.  
*Docketed "With Dr. Gulet's letter on King James' declaration concerning monopolies. Repairing little engine. Lathes for copying co. Evaporator. Purchase of Cox & Hall's engine."*
- 24.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 5 Jun. 1795.  
*Docketed "Cox & Hall. Fishwick & Co."*
- 25.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 8 Jun. 1795.  
*Docketed "Fishwick & Co. Tuffen's offer to arbitrate with Gardner & Manse. Order from Sir H. G. Liddel. Accident to old engine. Spence's new cylinder. Birmingham boat engine."*
- 26.** Letter. James Watt Jr. (Soho) to James Watt (6 Green Lettice Lane). 10 Jun. 1795.  
*Docketed "Mr. Kennedy's land."*
- 27.** Letter. James Watt Jr. (Soho) to James Watt (London). 11 Jun. 1795.  
*Docketed "George Taylor returned from Gloucester & Berkeley engine. Marsland's order. Proposed purchase of Burden's engine. Marshall & Benyons refuse to sign the agreement."*
- 28.** Letter. James Watt Jr. (Soho) to James Watt (—). 30 Aug. 1795.  
*Mr. Boulton may go to Cheltenham. Wishing Watt a good journey in Scotland.*

- 29.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
3 Sep. 1795.  
*Docketed "Wilkinsons and Fawcett. Cylinders on hand at Bersham. Intended sale of premises. Pirated engines."*
- 30.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
4 Sep. 1795.  
*Docketed "Redgreave's correspondence. Letter to Messrs. Parkers. Pirated engine about to be made for Marshall & Benyon. Wilson arrived in Cornwall."*
- 31.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
6 Sep. 1795.  
*On the same sheet:*  
Transcript of letter. Thomas Wilson (Truro) to James Watt Jr. [Soho]. 4 Sep. 1795.  
*Docketed "Copy from Mr. Wilson."*
- 32.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
9 Sep. 1795. 2 sheets.  
*On the same sheets:*  
Transcript of letter. William Wilkinson (Court) to James Watt Jr. 4 Sep. 1795.  
Transcript of letter. William Wilkinson (Court) to James Watt Jr. 6 Sep. 1795.  
Transcript of letter. William Wilkinson (Court) to James Watt Jr. 7 Sep. 1795.  
*Docketed "Fawcett and Wilkinson's letters."*
- 33.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
15 Sep. 1795.  
*Docketed "John Wilkinson's case sent to Weston. State of new buildings. Foundry resolved upon. Impossibility of executing orders."*
- 34.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
24 Sep. 1795. 2 sheets.  
*Docketed "Cylinders on sale. Tools and utensils ditto. Minera and Caermuneth. Llynypanda, Milur Mine. Golstyn, Spon Green. Plan of proposed foundry. Message to John Wilkinson and reflections on his conduct. Inertness of the Coalbrookdale Co."*
- 35.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
30 Sep. 1795.  
*Docketed "Cornish matters."*
- 36.** Letter. James Watt Jr. (Soho) to James Watt (care of Gilbert Hamilton, Glasgow).  
4 Oct. 1795.  
*On the same sheet:*  
Transcript of letter. William Fawcett (Liverpool) to Boulton & Watt. 26 Sep. 1795.  
*Docketed "Cautious letter of Mr. Fawcett."*
- 37.** Letter. James Watt Jr. (Wrexham) to James Watt (Heathfield). 2 Dec. 1795.  
*This letter has been removed from a scrapbook. Docketed "Disposal of Bersham to John Wilkinson. Conversation with him about grievances and accounts."*

**3/46 Letters to James Watt, Matthew Robinson Boulton, 1796-1797 (90 items)**

**1796.**

- 1.** Letter. James Watt Jr. (London St.) to James Watt (—). 4 Jan. 1796.  
*The docket is on a separate sheet.*  
*Docketed "Interview with Maberly Jr. and with Jabez Hornblower. Injunction prepared against Sturges & Co."*

- 2.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 5 Jan. 1796.  
*Docketed "About enquiring into the partnership between Maberly and Hornblower. Procuring Perrins' affidavit versus Sturges & Co. Copying paper. John Wilkinson."*
- 3.** Letter. James Watt Jr. (—) to M. R. Boulton (Soho). Not dated [6 Jan. 1796].  
*Docketed as 7 Jan. However James Watt Jr. refers to a letter from M. R. Boulton "of this morning", and M. R. Boulton wrote to him on 6 Jan.*  
*Docketed "Hornblower an agent of Maberly. John Wilkinson. Richardson & Harrison. Present to Woodward."*
- 4.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 8 Jan. 1796.  
*Docketed "Weston's opinion of the measures to be pursued with John Wilkinson."*
- 5.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 9 Jan. 1796.  
*Docketed "Proposes going to Leeds and Newcastle to serve the injunctions."*
- 6.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 12 Jan. 1796. 3 sheets.  
*Docketed "Robinson's account of Hornblower and Maberly. Fenner & Flint. Mr. Alcock. Price of mahogany. Mrs. Matthews' copying machine. Roberts & Co. and Varley. Borough Water Works. John Wilkinson. Wilson's terrors."*
- 7.** Letter. James Watt Jr. (London Coffee House) to M. R. Boulton (Soho). 12 Jan. 1796.  
*Docketed "Watkins' report of his conversation with Perrins."*
- 8.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 15 Jan. 1796.  
*On the same sheet:*  
Draft of letter. Boulton & Watt to Fenner & Flint (Canterbury). — Jan. 1796.  
*Forwarded to M. R. Boulton by James Watt.*  
*Docketed "Injunction granted against Hornblower, Maberly and Peareth. Letter to Fenner & Flint."*
- 9.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 16 Jan. 1796.  
*Docketed "Hornblower etc. David Watson's infringement, Bull not to proceed with the Scire Facias."*
- 10.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 18 Jan. 1796.  
*Docketed "David Watson's infringement. Gloucester & Berkeley Canal – new order. Intended departure for Leeds."*
- 11.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 19 Jan. 1796.  
*Docketed "Upon journey to Leeds and Newcastle and measures proposed to be adopted with the pirates."*
- 12.** Letter. James Watt Jr. (—) to M. R. Boulton (Soho). 19 Jan. 1796.  
*Not dated – date taken from the docket.*  
*Docketed "Bowman & Garforth. Preparation for copying papers. Departure for Leeds."*
- 13.** Letter. James Watt Jr. (Leeds) to James Watt (Heathfield). 21 Jan. 1796. 2 sheets.  
*On the second sheet:*  
Transcript. Isaac Perrins' affidavit against Richard Paley.  
*Docketed "Perrins' affidavit and account of Paley etc. Inspection of Paley and Holdforth & Co.'s engine. Non-admittance at Mr. Paley's. Character of Mr. Nicholson. Perrins' affidavit."*
- 14.** Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 24 Jan. 1796. 2 sheets.  
*On the first sheet:*  
Transcript of letter. James Watt Jr. for Boulton & Watt (Leeds) to Richard Paley [London]. 23 Jan. 1796.  
*Docketed "With copy of letter to Mr. Paley. Character of Sturges & Co. Mr. Barnes. Foundry feast proposed. Mr. Foster. Gowland Clerk & Co."*

- 15.** Letter. James Watt Jr. (York) to M. R. Boulton (Soho). 27 Jan. 1796. 2 sheets.  
*On the second sheet:*  
Memorandum for Mr. Nicholson [re. Sturges & Co.]. 26 Jan. 1796.  
*Docketed "With proposals to Sturges & Co. left with Mr. Nicholson. Account of serving injunction on young Sturges. Conjecture as to their manoeuvres. Richardson & Harrison."*
- 16.** Letter. James Watt Jr. (Newcastle) to James Watt (Heathfield). 31 Jan. 1796.  
*Docketed "Service of injunction on Mr. Peareth. Mr. Barnes."*
- 17.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 3 Feb. 1796.  
*Docketed "Memorandums at Newcastle" and "Prospects in the engine line. Benwell engine. Fishwick & Co. Hawkes & Co. George Taylor, Sunderland. Reflections upon Daniel Foundry."*
- 18.** Letter. James Watt Jr. (Newcastle) to James Watt (Heathfield). 6 Feb. 1796.  
*Docketed "Information respecting Sturges & Co. and concerning the effects of the injunctions against them."*
- 19.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 11 Feb. 1796.  
*Docketed "Results of Benwell trial. Estimate for Mr. Croustace of Penshaw Colliery" and "Submission of Sturges and Paley. Trial of Benwell. New orders. Penshu Colliery."*
- 20.** Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 18 Feb. 1796.  
*Docketed "Mentioning capitulation of Sturges & Co."*
- 21a.** Letter. James Watt Jr. (Leeds) to James Watt (Heathfield). 20 Feb. 1796.  
*Enclosing (b) and (c) below.*  
*Docketed "With an account of the transactions at Leeds up to the definitive settlement with Sturges & Co."*
- b.** Transcript of letter. James Watt Jr. (Leeds) to Ambrose Weston [London].  
19 Feb. 1796. 2 sheets
- c.** Transcripts. Four transcripts on the same sheet, as follows:  
Memorandum. Proposals made by Boulton & Watt to Messrs. Sturges Paley & Co.  
Letter. Lucas Nicholson (Leeds) to James Watt Jr. [Leeds]. 18 Feb. 1796.  
Letter. Richard Paley (Leeds) to Lucas Nicholson [Leeds]. 19 Feb. 1796. Memorandum.  
Answer of Messrs. Sturges & Co. to the proposals of Boulton & Watt.
- 22.** Letter. James Watt Jr. (Serle's Coffee House) to James Watt (Heathfield). 11 May 1796.  
2 sheets.  
*Docketed "Bradley's journey to Town and affidavit. Mode of conduct to be pursued towards Thackeray. Hornblowers filed nine affidavits. Mr. Campbell's opinion. Conversations with Watson's clerk."*
- 23.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Manchester).  
11 May 1796.  
*Docketed "Bradley's affidavit. Thackeray's proceedings. Watson."*
- 24.** Letter. James Watt Jr. (London St.) to James Watt (Heathfield). 12 May 1796.  
*Docketed "Bateman and Thackeray's contempt. Motion to be made for an attachment against them. Memorandum sent Mr. Watson of Preston."*
- 25.** Letter. James Watt Jr. (London) to M. R. Boulton (Manchester). 12 May 1796.  
*Affidavits by the Hornblowers and their allies. Meeting with Mr. Watson of Preston. Proceedings against Thackeray – M. R. Boulton's affidavit.*

- 26.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Manchester). 13 May 1796.  
*Docketed "Thackeray's transactions. Note to Thackeray. Barton as an evidence. Bateman & Co. Varley."*
- 27.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Moseley St., Manchester). 14 May 1796.  
*Docketed "Terms to be granted Thackeray. Hornblower. Peter Ewart."*
- 28.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 15 May 1796.  
*Docketed "Negotiations at an end with Thackeray. Proceedings to be gone on with against him. Bramah going on with an engine for Norwich."*
- 29.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Manchester). 16 May 1796.  
*Mis-dated by James Watt Jr. as 15 May.*  
*Docketed "Livesey's affidavit. Attachment against Maberly. Watson & Co. – conversation with them. Hornblower engine near Sunderland."*
- 30.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Manchester). 17 May 1796.  
*Docketed "Notices to Thackeray and Bradley. Affidavits to be obtained from Barton, Jones and others. Hornblower's motion threatened. John Lee."*
- 31.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 17 May 1796.  
*Docketed "Hornblower's motion. Mr. Cummings' affidavit. Attachment against Thackeray."*
- 32.** Letter. James Watt Jr. (London) to M. R. Boulton (Manchester). 18 May 1796.  
*Docketed "On Thackeray's proposed alteration of his engine. The attachment against him. Watson's. Hornblower and Maberly's vexation."*
- 33.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 19 May 1796.  
*Docketed "Mr. Watt's affidavit. Messrs. Ramsden, de Luc, Fordyce, Herschel and Cummings' readiness to give affidavits on various matters. Maberly's despair."*
- 34.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Manchester). 19 May 1796.  
*Docketed "Applications for various affidavits. Preparations for a vigorous attack on Thackeray."*
- 35.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 20 May 1796.  
*Docketed "Harmlessness of Brown's and Braithwaite's affidavits. Proof of Hornblower's contempt. Proposed expedition to Windsor."*
- 36.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 23 May 1796.  
*Docketed "Edward Jordan. Rennie not sworn. Thackeray's despair. Affidavits of our friends."*
- 37.** Letter. James Watt Jr. (London) to M. R. Boulton (—). 23 May 1796. 2 sheets.  
*Docketed "List of affidavits. Preparations for the great assault. Bateman & Sherrat. Mr. Watson. Knuckey's adventures."*
- 38.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 24 May 1796.  
*Docketed "Chancery business deferred. Proposes returning home."*
- 39.** Letter. James Watt Jr. (London) to M. R. Boulton (Bridgewater Arms, Manchester). 24 May 1796.  
*On the same sheet:*  
Draft of letter. M. R. Boulton for Boulton & Watt to proprietors of Bateman & Sherrat engines.  
*Docketed "Chancery business deferred."*

- 40.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 25 May 1796.  
*Gavin McMurdo's deposition about an engine being erected by Arthur Woolf. Weston's and his opinions about the Cark engine. Further postponement of Chancery business. Remittances only coming in slowly.*
- 41.** Letter. James Watt Jr. (London) to M. R. Boulton (Bridgewater Arms, Manchester). 25 May 1796. 2 sheets.  
*Docketed "Nesham's executors' pircacies. Business deferred till Thursday sevenight. Thackeray. Attorney General's remissness. Letter to Bateman & Sherrat's customers. Lords Derby and Peel and Sir G. Warren. Carlisle, Drury, Burton and Goodier. Hornblower's lies. William Matthews as a moulder."*
- 42.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Jones, Manchester). 27 May 1796.  
*Docketed "Bateman's submission. Thackeray's. Application to be made to see his engine."*
- 43.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 27 May 1796.  
*Docketed "Settlement with Bateman & Sherrat. Thackeray's moderation."*
- 44.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 28 May 1796.  
*Docketed "Delays returning home till Thursday. Weston thinks the contempt of Cark must be passed over. Draft of affidavit of Southern."*
- 45.** Letter. James Watt Jr. (London) to M. R. Boulton (Manchester). 28 May 1796.  
*Docketed "Remarks on agreement with Bateman & Co. Mr. Weston's advice concerning Thackeray."*
- 46.** Letter. James Watt Jr. (London) to M. R. Boulton (Bridgewater Arms, Manchester). 29 May 1796.  
*Docketed "Affidavit against Thackeray. To threaten him with a prosecution for perjury."*
- 47.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 30 May 1796.  
*Docketed "Maberly's proceedings about Meux. Submission of pirates. Thackeray's conduct ridiculous."*
- 48.** Letter. James Watt Jr. (London) to M. R. Boulton (—). 30 May 1796.  
*Docketed "Submission of Mr. Carlisle. Burton. Terms to be prescribed to Thackeray and the Cark people."*
- 49.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 31 May 1796.  
*Docketed "Mr. Mylne's affidavit relating to steam wheel and Bramah's engine."*
- 50.** Letter. James Watt Jr. (London) to M. R. Boulton (Bridgewater Arms, Manchester). 1 Jun. 1796.  
*Docketed "Lawson's report. Thackeray's business deferred. Mr. Mylne's affidavit against Bramah. Burton's submission."*
- 51.** Letter. James Watt Jr. (London) to M. R. Boulton (Bridgewater Arms, Manchester). 2 Jun. 1796.  
*Docketed "Failure of Hornblower's attempt to remove the injunction."*
- 52.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 2 Jun. 1796.  
*This letter was passed to Matthew Boulton.  
Docketed "Hornblower's motions for dissolving the injunctions. The Chancellor's conduct thereon."*
- 53.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 4 Jun. 1796.  
*This letter was passed to Matthew Boulton.  
Docketed "Conference with young Maberly."*

- 54.** Letter. James Watt Jr. (London) to M. R. Boulton (—). 4 Jun. 1796.  
*Docketed "Thackeray and Daniel Burton's agreements. Maberly's application to Weston for an accommodation. Meux and Nesham."*
- 55.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Bridgewater Arms, Manchester). 11 Jun. 1796.  
*Forwarded to M. R. Boulton in Birmingham.*  
*Docketed "Terms to be granted the pirates and also Thackeray and Co."*
- 56.** Letter. James Watt Jr. (Glasgow) to M. R. Boulton (care of Benjamin Gott, Leeds). 21 Jun. 1796.  
*Docketed "Proposed journey to Newcastle."*
- 57.** Letter. James Watt Jr. (Soho) to James Watt (Post Office, Bath). 9 Jul. 1796.  
*Docketed "Sturges & Co. Paley etc. on Watt Jr.'s return from Leeds."*
- 58a.** Letter. James Watt Jr. (Soho) to James Watt (Bath). 10 Jul. 1796.  
*Enclosing (b) below.*  
*Docketed "Meux & Co. Cornwall. Trevithick. Minera."*
- b.** Transcript of letter. Thomas Gundry (Goldsithney) to Boulton & Watt. 5 Jul. 1796.
- 59.** Letter. James Watt Jr. (Soho) to James Watt (at Mr. Fletcher's, 18 Circus, Bath). 12 Jul. 1796.  
*Docketed "J. Wilkinson. Thackeray."*
- 60.** Letter. James Watt Jr. (Soho) to James Watt (at Mr. Fletcher's, 18 Circus, Bath). 15 Jul. 1796.  
*Docketed "Meux & Co."*
- 61.** Letter. James Watt Jr. (Cirencester) to James Watt (Soho). 4 Sep. 1796.  
*This letter was dated 5 Sep. by James Watt Jr., but was almost certainly written on the 4<sup>th</sup>. Events mentioned in this letter are described in the second letter dated 5 Sep. (see below) as having happened "yesterday". The subsequent movements described in the letter of 7 Sep. only make sense if this letter was written on the 4<sup>th</sup>.*  
*Docketed "Conference with Maberly and rejection of proposals."*
- 62.** Letter. James Watt Jr. (Trowbridge) to James Watt (Heathfield). 5 Sep. 1796.  
*Docketed "Reflections on the meeting with Maberly. Determination to go to Cornwall and measures intended to be there pursued."*
- 63.** Letter. James Watt Jr. (Truro) to James Watt (Heathfield). 7 Sep. 1796.  
*Docketed "Arrival at Truro."*
- 64.** Letter. James Watt Jr. (Truro) to James Watt (Heathfield). 11 Sep. 1796.  
*Docketed "Bull's syphonic engine. Journey westward. State of Cornish mines etc."*
- 65.** Letter. James Watt Jr. (Truro) to James Watt (Heathfield). 18 Sep. 1796. 2 sheets.  
*Docketed "State of engines at Consolidated, United Mines, Poldice etc. North Downs. Mr. Kevil and Lord Dunstanville. Wheal Tregothnan. Journey to Falmouth. Hornblower's new scheme. Trevithick Junior."*
- 66.** Letter. James Watt Jr. (Truro) to James Watt (Heathfield). 18 Sep. 1796.  
*Docketed "Sentiments on Maberly's renewed proposals."*
- 67.** Letter. James Watt Jr. (Fenchurch St.) to James Watt (Heathfield). 21 Nov. 1796.  
*Docketed "Ambrose Weston's indisposition. Subpoenas sent to Peareth, Barnes, Chapman etc. William Wilkinson's interview with J. Hornblower. Despondency of the latter and traces of his correspondence with Cornwall."*

**68.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 22 Nov. 1796.  
*Docketed "Lodgings for witnesses. Letter to Milur adventurers approved. Articles for Gilpin. Engine drawings and wooden model. Maberly not joined issue. Payment of Meux's premium and subpoena proposed for Daniel. Probable intentions of the enemy."*

**69.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 23 Nov. 1796.  
*Docketed as 24 Nov.*  
*Docketed "Ambrose Weston's indisposition. Reports of the enemy's dejection. Issue to be joined by Maberly and his application for trial at the Bar. Wilson's conduct. Lingard's drawings for framing. Daniel not to be subpoena'd."*

**70.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 24 Nov. 1796.  
*On the same sheet:*  
Memorandum. Notes of what passed on the motion for a trial at Bar.  
*Docketed "Account of Maberly's motion for trial at Bar – rejected. Chief Justice's speech and reasons of refusal."*

**71a.** Letter. James Watt Jr. (Soho) to Boulton & Watt (13 London St.). 29 Dec. 1796.  
*Enclosing (b) below.*  
*Docketed "Copy of Peareth's correspondence."*

**b.** Transcripts. Transcripts of two letters on the same sheet, as follows:  
William Peareth (Usworth House, Durham) to Boulton & Watt. 26 Dec. 1796.  
James Watt Jr. (Soho) to William Peareth (Usworth House). 29 Dec. 1796.

#### **1797.**

**72.** Letter. James Watt Jr. (Soho) to "Messrs. Boulton & Watt" (13 London St.). 2 Jan. 1797.  
2 sheets.  
*Mis-dated as 1796 by James Watt Jr. This letter was addressed on the outside to "Mrs. Matthews for Messrs. Boulton & Watt." Matthew Boulton, James Watt and M. R. Boulton were all in London at the time.*  
*Docketed "Albion Mill. Murdock. Peter Ewart – payment proposed for him. Cash arrangements."*

**73.** Letter. James Watt Jr. (—) to James Watt (13 London St.). — Jan. 1797.  
*Docketed "Lingard countermands his order for 30 horse engine."*

**74.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 1 Feb. 1797.  
*Docketed "On the rule for new trial."*

**75.** Letter. James Watt Jr. (London) to James Watt (Soho). Not dated [2 Feb. 1797].  
*Not dated by James Watt Jr., and docketed as Jan. by Gregory Watt, but postmarked 2 Feb.*  
*Docketed "On the delays of the Albion Mill business. Proceedings relative to the verdict and proceedings against Daniel."*

**76.** Letter. James Watt Jr. (London) to James Watt (Soho). 4 Feb. 1797.  
*Docketed "Law proceedings relative to the verdict. Time settled for the Albion Mill meetings."*

**77.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 8 Feb. 1797.  
*Docketed "On Bramah's letter to the Lord Chief Justice, and on Albion business."*

**78.** Letter. James Watt Jr. (London) to James Watt (—). 10 Feb. 1797.  
*Docketed "On delays in law business."*

**79.** Letter. James Watt Jr. (London) to Boulton & Watt (Soho). 13 Feb. 1797.  
*Docketed "On the motion for a new trial and a special verdict being negated."*

**80.** Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 5 Jun. 1797.  
*Docketed "Concurs in the propriety of licensing Garforth's engine. James Stockdale's letter."*

81. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 7 Jun. 1797.  
*Docketed "Abraham's debt. Mr. Bond from Davidson & Hawkesley."*
82. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 8 Jun. 1797.  
*This letter has been removed from a scrapbook.*  
*Docketed "Substance of reply to Trevithick's application."*
83. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 10 Jun. 1797.  
*The docket is on a separate wrapper.*  
*Docketed "Enclosing letter from Cobb, ditto from Wilson. To be communicated to Westons. Fox and Williams' visit to Soho. Opinion of the intentions of the adventurers in United Mines. Proposal for going to Cornwall. Daniel's obstinacy."*
84. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 12 Jun. 1797.  
*Docketed "Observations on Samuel Wyatt's note and the payment of the sum required. Cornish journey."*
85. Letter. James Watt Jr. (Clifton) to M. R. Boulton (Soho). 2 Oct. 1797.  
*Docketed "Sentiments upon negotiations with Capt. Andrew Vivian and Trevithick."*
86. Letter. James Watt Jr. (Clifton) to M. R. Boulton (Soho). 9 Oct. 1797.  
*Docketed "Proposes to remain longer at Clifton."*
87. Letter. James Watt Jr. (Clifton) to M. R. Boulton (Soho). 17 Oct. 1797.  
*Docketed "Clifton."*
88. Letter. James Watt Jr. (Clifton) to M. R. Boulton (Soho). 27 Nov. 1797.  
*The docket is on a separate wrapper. Docketed as 30 Nov.*  
*Docketed "Wilson's proposals re. Pednandrea Mine and conduct to be pursued with them. Poldice and answer to Mr. Tremayne's letter. Murray's attacks and opposition at Leeds."*
89. Letter. James Watt Jr. (Clifton) to M. R. Boulton (Soho). 5 Dec. 1797.  
*Docketed "Suggests propriety of journey to Cornwall."*
90. Letter. James Watt Jr. (Clifton) to M. R. Boulton (Soho). 6 Dec. 1797.  
*On the same sheet:*  
Letter. Ambrose Weston (Fenchurch St.) to James Watt Jr. (Clifton). 4 Dec. 1797.  
*Docketed "Opinion of measures to be pursued in the case of Murray."*

**3/47 Letters to James Watt, Gregory Watt, M R Boulton, 1798 (57 items)**

1. Letter. James Watt Jr. (Soho) to Gregory Watt (Post Office, Penzance). 30 Jan. 1798.  
*The inside of the letter is directed to Gregory Watt at Truro.*
2. Letter. James Watt Jr. (Soho) to Gregory Watt (—). 16 Feb. 1798.
3. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Thomas Wilson, Truro).  
12 Apr. 1798.  
*With a postscript by M. R. Boulton.*
4. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Thomas Wilson, Truro).  
15 Apr. 1798.
5. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Thomas Wilson, Truro).  
1 May 1798.
6. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 3 May 1798.  
*Docketed "Letters from Lee and Thomas Wedgwood respecting arming. Gibson & Forbes' goods detained. History of Chell the lock inspector. Examination of the accounts."*

7. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Thomas Wilson, Truro). 5 May 1798.
8. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Thomas Wilson, Truro). 7 May 1798.
9. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 7 May 1798.  
*Docketed "Enclosure from Brodie and Mr. Marti of Cadiz. Journey to Gladestry."*
10. Letter. James Watt Jr. [Soho] to M. R. Boulton (13 London St.). "Wednesday noon" [9 May 1798].  
*Docketed "Remittance from Weston. Brodie's visit and submission. Cartwright's puff."*
11. Letter. James Watt Jr. (Salford) to M. R. Boulton (Soho). 5 Jun. 1798.  
*Docketed "New engines and orders in contemplation at Manchester. Horridge's application of his engine to callender rolls. Ridgeway's materials arrived with the exception of the beam."*
12. Letter. James Watt Jr. (Salford) to M. R. Boulton (Soho). 6 Jun. 1798.  
*Docketed "Proceeding to Leeds. State of the engines at Manchester. Directions to forward the copying machine ordered in his former letter."*
13. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 10 Jun. 1798.  
*Docketed "Report upon the state of the engines at Leeds. Interview with Taylor of Gomershall. Order expected from him. Query as to the policy of licencing Murray's engine at Fisher's."*
14. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 12 Jun. 1798. 2 sheets.  
*Docketed "Account of the engines at Leeds. Report of Lee and others upon Fisher's engine constructed by Murray's. Excellence of Murray's work and price of his castings."*
15. Letter. James Watt Jr. (Walker Colliery, Newcastle) to M. R. Boulton (Soho). 20 Jun. 1798.  
*Docketed "Confirmation of Mr. Fishwick's order for a 20 horse engine. Particulars and sketch of his situation. Prospect of other orders." The sketch is on the same sheet.*
16. Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 23 Jun. 1798. 2 sheets.  
*Docketed "Order for 10 horse engine for Kenton Colliery. Answer to queries respecting Lambton engine. Deviation from drawings in the building of Hebburn engine house. Mr. Barnes wants price of cast iron railways agreeably to his sketch. Particulars of Pickermill's scheme for raising the mud of Sunderland Harbour. Steam case wanted by Mr. Barnes for 63 inch engine. Cement for Foster of Horbury. Number of engagements on hand."*
17. Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 1 Jul. 1798.  
*Docketed "Fishwick's flywheel. Wishes to have equal beam. Drawings to be suspended. Midline of engine same. Steam pipe. Kenton Colliery gauge and feed pipes not to be forwarded by Boulton & Watt. Barnes' brother to provide these in cases where Barnes is employed. Easterby & Hall's situation of engine house. Scarcity of water. State of engines at Shieldrow and Pontop Pike. Dullness of coal trade. Hopes of orders from Cooper etc."*
18. Letter. James Watt Jr. (Newcastle) to "John Southern or Boulton & Watt" (Soho). 3 Jul. 1798.  
*Southern passed this letter to M. R. Boulton.*  
*Docketed "Data for Kenton Colliery. Fly wheels. Campbell & Gibson's wish to consume smoke. Position of boiler and engine house at Morton. State of engine at Shield Row. Not seen Wade of Hebburn. Elastic connector broken."*

- 19.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 9 Jul. 1798. 2 sheets. Docketed *"Hebburn pumps. Wall's End engine repaired. Wishes throttle pipes to be prevented from losing steam. Consumption of ropes at Wall's End. Enclosed copy of letter to Mr. Johnson of Byker. Orders expected. Wishes estimate to be sent to Rainton Colliery, ditto for Biggs Main. Misconduct of young Hawkes."*
- 20.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 10 Jul. 1798. 2 sheets. Docketed *"Thinks large engines will be wanted for Wellington and Biggs Main. Order from Mr. Lambton's executors. Proposal for a regular inspection of Boulton & Watt's engines. Candidates for the office. Money advanced by Barnes. Benwell account received. Gateshead pumps wanted. Advises a reduction in the prices of engines. Proposed scheme for drawing coal by the score of corfs. Method for making copperas – answer."*
- 21.** Letter. James Watt Jr. (Edinburgh) to M. R. Boulton (Soho). 17 Jul. 1798. Docketed *"Search after Alexander Mackenzie – situation of that gentleman. Conference with Mr. Selkirk. Mackenzie's application for permission to retain the papers relative to Boulton & Watt's business."*
- 22.** Letter. James Watt Jr. (Edinburgh) to M. R. Boulton (Soho). 19 Jul. 1798. 2 sheets. Docketed *"Papers and power of attorney withdrawn from Alexander Mackenzie's possession. Copies of his and Mr. Anderson's account against us. Mr. Hotchkiss, Writer to the Signet, appointed in the place of Mr. Mackenzie. Interview with Mr. Smith, partner with Mr. Stein. Our claims upon him compromised for £210, ditto upon W. Aitchison for the time the engine was worked by him for his own account, compted at £20, in addition to the sum, viz. £40, paid by him into the hands of Mr. Anderson. Settlement with the trustees of Aitchison & Co. for the premium due from them."*
- 23.** Letter. James Watt Jr. (Edinburgh) to M. R. Boulton (Soho). 20 Jul. 1798. Docketed *"Explanation of our account with Mr. Stein of Kennet Pans, statement of ditto by him. Receipt of £260 on account."*
- 24.** Letter. James Watt Jr. (Stirling) to M. R. Boulton (Soho). 21 Jul. 1798. 2 sheets. Docketed *"Alteration in his intended route. State of the engine at Kennet Pans – articles wanted for it. State of the engine at Cannon Mill – articles wanted for it. Man wanted to superintend these repairs. Remarks on the weather in the [?] and on the town and inhabitants of Stirling."*
- 25.** Letter. James Watt Jr. (Workington) to M. R. Boulton (Soho). 6 Aug. 1798. 2 sheets. Docketed *"Thinks Brunton should be sent to Messrs. Stein's. Thinks forged iron work for the beams etc. might be advantageously made at Newcastle. Has recommended Boulton & Watt's engines strenuously at Glasgow, Paisley etc. Conversation with Robert Muir, ditto with Mr. Pattinson on the engine he proposes to erect. Went to the Leadhills. State of the engines there. Mr. Wood of Carlisle's engine constructed by Bateman & Sherrat. Arrival at Workington and detection of piracy there. Order for James Watt & Co. from Mr. Miller. Particulars of Mr. Wood's engine."*
- 26.** Letter. James Watt Jr. (Whitehaven) to James Watt (Heathfield). 9 Aug. 1798. 2 sheets. Docketed *"Bad state of Boulton & Watt's engines on Mr. Curwen's collieries. Simpson Penrice's engine there. Interview with Mr. Udale, ditto with Mr. Curwen. Lecture to Simpson Penrice. Conversation with Mr. Curwen. Meeting with Mr. Hamilton. Proposed journey to Crossgates Iron Mine."*
- 27.** Letter. James Watt Jr. (Settle) to Gregory Watt (Heathfield). 12 Aug. 1798. Docketed *"His projected route. Journey to Crossgates Iron Mine."*
- 28.** Letter. James Watt Jr. (Leeds) to Gregory Watt (Soho). 15 Aug. 1798. Docketed *"Uncertainty about Lawson. Murray's scurrilities. Holdforth's conduct. Repair of Nevins & Gatliff and remittance from them. Bad state of Foster's and Nussey's engines. Visit to Low Moor Iron Works. Dawson's settlement with Smalley."*

- 29.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Wormald & Co., Leeds). 24 Sep. 1798.
- 30.** Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). "Tuesday Ev<sup>g</sup>:" [6 Nov. 1798].  
*Docketed "Notifying his arrival in London."*
- 31.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 7 Nov. 1798.  
*Docketed "Enclosing James Lawson's letter from Workington."*
- 32.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 9 Nov. 1798. 2 sheets.  
*Docketed "Memorandums relative to arrangements at the Foundry. Wilson in Town."*
- 33.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 10 Nov. 1798.  
*Docketed "Business in King's Bench postponed. Coslett's engine finished. State of Shadwell. Order from Smith & Co. of Brentford."*
- 34.** Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 13 Nov. 1798.  
*Docketed "Suggestions concerning repairs of the old and order for the new engine of Mr. Curwen."*
- 35.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 14 Nov. 1798.  
*Docketed "Difficulties in placing Pryor & Co.'s engine. Bramah's affair at Norwich deferred. Particulars of Clark, the purchaser of Cobb's engine. Dayus' suggestions respecting improvements in the construction of the engines."*
- 36.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 16 Nov. 1798. 2 sheets.  
*Docketed "Sentiments upon Kenyon's conduct and frivolity of the objections raised by the judges. Measures proposed to retrieve our legal affairs. Proceedings in Chancery advisable to be continued. Brodie's premium to be settled with all speed. Weston's opinion upon the time when our Act expires. Detection of Cobb's duplicity and necessity of bringing the negotiations with him to a speedy close. Wheal Garland's premium and offer to Mr. Tremayne to be explained."*
- 37.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 21 Nov. 1798.  
*Docketed "Weston's proceedings. Shadwell engine. Meeting with Mr. Cooper at Limehouse."*
- 38.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 22 Nov. 1798.  
*Docketed "Revision of our agreements necessary. Difficulty of learning Kenyon's sentiments. Opinion of the motives of his conduct and general reasoning upon our situation. Proposals to the Shadwell Company. Mr. Boulton's stay in Town still uncertain."*
- 39.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 24 Nov. 1798. 2 sheets.  
*On the second sheet:*  
Transcript of letter. James Watt Jr. for Boulton & Watt (London) to Thomas Cobb (Banbury). 24 Nov. 1798.  
*Docketed "Conversation with Mr. Hodson on the transactions of Cobb. Letter from Lawson."*
- 40.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 29 Nov. 1798. 2 sheets.  
*Docketed "Consultation with Rous. Effects of an adverse decree. Measures to be pursued. Consideration on compromise with Maberley. Remarks on Cornish affairs."*
- 41.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 29 Nov. 1798.  
*Docketed "Conclusion of the business with Shadwell Water Works. Mr. Pryzor not yet visited."*
- 42.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 30 Nov. 1798.  
*Docketed "Abridgement of Reed and Daniell's answer to our last bill against United Mines. Sentiments thereon. Copy of notice directed by them to be stuck up on the mine." The copy of the notice is within the text.*

- 43.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 1 Dec. 1798.  
*On the same sheet:*  
Transcript of letter. Thomas Cobb (Banbury) to Boulton & Watt (13 London St.). 30 Nov. 1798.  
*Docketed "Copy of a letter from Cobb. Reflections upon the transactions of that gent."*
- 44.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 4 Dec. 1798. 3 sheets.  
*On the second sheet:*  
Draft of letter. James Watt to Mr. — Erskine.  
*Docketed "Arguments against despondency at our late bad success in the King's Bench. Causes of the failure. Measures proposed to retrieve state of our affairs. Order for a 4 horse engine from Maltby. Copy of a letter proposed to be written by Mr. Watt Senr. to Erskine."*
- 45.** Letter. James Watt Jr. (London) to M. R. Boulton [Soho]. 5 Dec. 1798. 2 sheets.  
*The docket is on a separate wrapper. Docketed "Consequences of an adverse decision of the King's Bench and measures to avert the evils of it. Reasons for journey to Cornwall and conduct to be pursued there."*
- 46.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 6 Dec. 1798.  
*Docketed "Receipt of Murdock and Mr. Watt's affidavits in the case of United Mines. Sum stated for a 4 horse engine wanted by Maltby. Fish & Yates decline ordering their engine. Visit to an engine where Mr. Conway's patent had been employed. Estimates to be sent to Mr. Sheriff of Leith."*
- 47.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 9 Dec. 1798.  
*Docketed "Particulars of Mr. Gilbie's situation and probability of an order for a 20 horse engine from him. Desirous of some discovery to prevent the bad effects of salt water in engines. Bill of £60 procured from Hodgson – and his opinion of Cobb's conduct. Copy of release to the Shadwell Company."*
- 48.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 12 Dec. 1798.  
*Docketed "Engine for Mr. Gordon of Goswell Street. Apparatus now employed by Mr. Gordon. Fair opportunity for the introduction of small engines."*
- 49.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 12 Dec. 1798.  
*Docketed "Sentiments upon Mr. Wilson's request to borrow a sum upon the mortgage of his premises. Queries relative to the bad effects to be apprehended from the use of salt water in engines. Suggestions as to the preventatives."*
- 50.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 13 Dec. 1798.  
*Docketed "Departure from Town of Mr. Boulton with Mr. Dayus. Reasons for J. Watt Jr.'s continuing there. Demur to the payment of the premium by Bishop & Co. Copy of Weston's sent – general statement of his account wanted."*
- 51.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 15 Dec. 1798.  
*Docketed "Interview with Cobb. Sentiments upon the effect of salt water used in engines. Information from Mr. Hall respecting the quantity of water necessary for their lead manufactory."*
- 52.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 17 Dec. 1798.  
*Docketed "His idea of arguments to be used in opposition to the Chancellor's objections. Wishes Mr. Watt to come to Town."*
- 53.** Letter. James Watt Jr. (London) to James Watt (Heathfield). 18 Dec. 1798.  
*Docketed "Documents and papers laid before the Chancellor elucidatory of the double engine patent. Little apprehension of the double and puzzle raised by the United Mines' counsellor. Intimation of Plummer that Erskine may be prevailed upon to argue the case."*

**54.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 19 Dec. 1798.  
*Docketed "Story of Darlestone's pretended invention omitted in the proceedings re. United Mines. Conference with Plummer and proposal for Erskine to argue the cause. Interview with Erskine and representation of the importance of the cause with the view of undertaking to give it attention. Gordon desirous of having his small copying machine soon. Johnson & Gould's agreement found in Weston's possession. Desires to see sketch of the proposed plan of boring mill."*

**55.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 22 Dec. 1798.  
*The docket is on a separate wrapper. Docketed "Objections to monthly reductions. Brass air pump for Mr. Gilbie's engine, ditto for Surtees & Hall. Corrosion of their water [?]. Sum inserted in Pryor & Co.'s agreement. Symonds' order for a 2 horse engine. Probability of great demand for small engines. Gordon's engine."*

**56.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 23 Dec. 1798.  
*Docketed "Business in Chancery postponed. Rous tenacious of his rights to argue the case. The Bar generally in our favour. General outline of the measures in contemplation. Savery's Act of Parliament. Copying machine patent wanted. Wetherall's goods shipped."*

**57.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 29 Dec. 1798.  
*Docketed "Engine wanted to drain the dock at Lisbon. Data to be assumed."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
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Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 205**

**3/48 Letters to Gregory Watt, M R Boulton, James Watt, 1799 (73 items)**

1. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 1 Jan. 1799.  
*Docketed "Further particulars respecting the Abbé Coreá's engine for Portugal. Favourable alteration in the aspect of our legal affairs. Erskine promises to speak to Kenyon, the Attorney General also. Rous gone out of Town. Cornish documents wanted in Town. Price of Lord Orford's works."*
2. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 5 Jan. 1799.  
*Docketed "Mr. Dodd's note."*
3. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 8 Jan. 1799. 2 sheets.  
*Docketed "Price of reports of Committee of Finance. Particulars respecting Paul Benfield's order. Price of a set of boring rods wanted. Destruction of Sadler's engine – one of ours to be substituted. Articles not wanted. Price stated to Sutton & Co. Maltby's engine much wanted – names of the parties concerned. Price of 2 horse engine stated to Rennie. Shadwell pipes burst. Gilbie's order not confirmed. Cartwright and Bramah applying for Dodd's order."*
4. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 9 Jan. 1799.  
*Docketed "Interview with Baker. The small engine wanted for a tobacconist. Sum stated as the price of a 2 horse. Probability of great demand for small engines. Opinions of arrangements to be adopted in the manufacture of small engines. Indisposition of Mr. Watt. Rous more tractable. Erskine's zeal. Judges surrounded by a friendly atmosphere."*
5. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 11 Jan. 1799.  
*Docketed "Wants replies to his enquiries respecting the engines for Dodd. Estimates delivered by him in the interim."*
6. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 12 Jan. 1799.  
*Docketed "Lingard & Were's order for a 20 horse engine but with a 4 foot stroke. Expense caused by alteration of patterns to be defrayed by them. Desirous to have a round boiler. Rous determined to enter a figure and argue the case. His zeal rather outré."*
7. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 20 Jan. 1799.  
*Docketed "Approves of the principle of separate engine for the boring mill – unable to enter into consideration of the details. Suggests that in addition to 'Act for amending and explaining our Act', should be subjoined 'to prolong it.' Approved by Erskine and Adams who promise to support and carry it through. Grounds of the proposed petition."*
8. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 21 Jan. 1799.  
*Docketed "Notice of the day appointed to hear our cause in King's Bench. M. R. Boulton's attendance in Town after the argument desirable."*
9. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 22 Jan. 1799.  
*Docketed "Mistake in Sutton's agreement to be notified to them – 8 horse the power wanted. Lingard's absurdities arising from the suggestions of his firestoker. Mr. Watt Senr. disapproves of the hunting tooth in the sun wheel. Confirmed in the intention of applying to Parliament. Friday the day of argument. Vexation at Salvatore's elopement."*

- 10.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 25 Jan. 1799.  
*Docketed "Announcing victory in King's Bench. Substance of the judges' opinion. Maberly's stupefaction at the conclusion of the trial. Our obligations to Weston's zeal."*
- 11.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 26 Jan. 1799.  
*Docketed "Letters sent to the witnesses and other friends informing them of our victory and stating the hardship with which we have had to encounter. Application to Parliament in agitation."*
- 12.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 29 Jan. 1799.  
*Docketed "Wishes copy of Argand's letter claiming invention of the hydraulic press. Copy of correspondence with Redgreave wanted also. Singular conduct of Rous. Death of Mylne's son. Lingard determined to have his sun wheel with a hunting tooth. Chief Justice displeased at my father's forgetfulness in not sending his blunderbusses. Plummer wants one also."*
- 13.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 29 Jan. 1799.  
*Docketed "Copies of Redgreave's letters not wanted, being found in Weston's hands."*
- 14.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 2 Feb. 1799.  
*Docketed "Lingard's rotative wheels to be made by Rennie – boiler oval. Sutton's estimate wanted. Pryor & Co.'s rotative shaft not known. Wishes estimate of Mr. Gordon's small pump engine to be sent. Enquires respecting copying machine directions if entered at Stationer's Hall. Conduct of the Shadwell Company in seducing John Price. Approves of taking Creighton's brother."*
- 15.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 8 Feb. 1799.  
*Docketed "Account of the proceedings in Chancery. The Chancellor's opinion adverse and likely to be persevered in. Removal of the question into the King's Bench. Reflections upon the unfavourable change in the aspect of our affairs."*
- 16.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 8 Feb. 1799. 2 sheets.  
*Docketed "Proposal for establishing a warehouse in Town. Business with the Shadwell Co. in the same state as per last letter. His sentiments upon the proposal of contracting for the erection of the engines and for the gradual reduction of engine prices. Mistake in blunderbusses sent to the Lord Chief Justice. Iron connecting rods much desired by the London customers. Small engines to be tried according to the drawings sent."*
- 17.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 11 Feb. 1799.  
*Docketed "Prospect of success from a Parliamentary application. Necessity of Mr. Boulton and M. R. Boulton coming to Town."*
- 18.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 13 Feb. 1799. 2 sheets.  
*Docketed "Zeal of the Counsel. Origin and progress of the Chancellor's doubts with remarks upon its effect and the measures to be pursued."*
- 19.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 16 Feb. 1799.  
*Docketed "Mr. Adams has not yet seen the Chancellor. Wishes Mr. Boulton and M. R. Boulton to come to Town. Agreements sent off. Settlement with Wilkinson Baker & Fisher."*
- 20.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 19 Feb. 1799.  
*Docketed "Parliamentary application withdrawn."*
- 21.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 2 Mar. 1799.  
*Docketed "Prospect of return. Overthrow of Bramah."*
- 22.** Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 10 Mar. 1799.  
*Docketed "Arrival at Soho. Simister's report much exaggerated. Wishes to have his greatcoat and shaving apparatus sent down."*

- 23.** Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 14 Mar. 1799.  
*The docket is on a separate sheet.*  
*Docketed "Notice from Luke Pope to deliver in his income tax. Attempt of the Harborne collectors to procure a distress to compel payment of the Poor Rates. Declaration of income to be delivered into the Commerical Commissioners for the county in preference to those appointed for Birmingham. Weston's account wanted."*
- 24.** Letter. James Watt Jr. (Soho) to M. R. Boulton (at Thomas Wilson's, Truro).  
 18 Mar. 1799.  
*On the same sheet:*  
 Transcript of letter. R. A. Daniell (Truro) to James Watt & Matthew Boulton [Soho].  
 13 Mar. 1799.  
*Docketed "Copy of Mr. Daniell's letter. Necessity and reason for Murdock's further stay at Soho. Mr. Walker's apprehensions of the difficulties of entering the copying machines into Russia. Threats of the Harborne gents."*
- 25.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Post Office, Bath). 21 Mar. 1799.  
*Re-directed to M. R. Boulton at Thomas Wilson's, Truro.*  
*Docketed "Arrival of my father at Soho. State of his health. Proposes to let Dilworth return after his punishment expires."*
- 26.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Truro). 27 Mar. 1799.  
*Docketed "State of my father's health. Negotiations between him and Timmins. Suspension of proceedings in regard to the dispute about the Poor Rates. Murdock's visit to Cornwall. Murray's patent. Lawson commissioned to see Wood."*
- 27.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
 4 Apr. 1799.  
*Docketed "Wilson's account. Opinion of the proper persons to whom the accounts are to be delivered where there is no visible agent of the mine. Ideas upon the title of patents for securing improvements in regard to the fire engines."*
- 28.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
 9 Apr. 1799.  
*On the same sheet:*  
 Transcript of letter. Boulton & Watt (Soho) to Ambrose Weston. 9 Apr. 1797.  
*The address and docket are on a separate wrapper. Docketed "Copy of letter to Weston. Concurrence in the measures pursued in regard to Crenver and objection to suspend law proceedings. Ultimatum in regard to Crenver. Queries in regard to Hornblower's piracy. Assent to proposal for licencing Trevithick's engines. Suspicious of Trevithick's integrity – proposals relative thereto."*
- 29.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
 11 Apr. 1799.  
*Docketed as 10 Apr. 1799. Docketed "Proceedings at the Foundry. Engine orders. Further correspondence with Marshall & Co. Lawson's interview with Murray – failure in his endeavours to engage Wood. Agreement with Whately for his Rookery. Intention to purchase a house."*
- 30.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Truro). 16 Apr. 1799.  
*Docketed "Accident at the boring mill. Agreement between the Scales and Glover for a lease of his premises. Partnership between them and Homfray."*
- 31.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 18 Apr. 1799.  
*Docketed "Call to London. Our Cornish claims mentioned before the Committee upon the Copper Bill. Statement of my stock account in J. Watt & Co.'s books."*
- 32.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 20 Apr. 1799.  
*Docketed "Safe arrival in London."*

- 33.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 22 Apr. 1799.  
*Docketed "Taylor & Weston's order to be executed. State of things in London."*
- 34a** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
22 Apr. 1799.  
*Enclosing (b) and (c) below.*  
*Docketed "Encloses my father's letter to himself and father. Papers laid before the members of the Copper Committee. Favourable disposition of the principal. Determination of Sir John Call to conclude the Albion Mill concerns."*
- b.** Letter. Matthew Boulton (London) to James Watt Jr. (Soho). 17 Apr. 1799.
- c.** Letter. Matthew Boulton (London) to James Watt Jr. [Soho]. 18 Apr. 1799.
- 35.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
24 Apr. 1799. 3 sheets.  
*On the third sheet: Note. Charlotte Matthews to M. R. Boulton.*  
*Mis-dated as 23 Apr. by James Watt Jr.*  
*Docketed "Weston's opinion of the construction of Consolidated Mines' agreement. Refutation of the pleas urged by our adversaries. Sentiments upon settlement with Consolidated Mines. Proposal to Vivian to treat on behalf of Daniell – objected to by him. Consideration of the Crenver case. Ideas of the ultimatum."*
- 36.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
24 Apr. 1799.  
*Docketed "Statement of my account in J. Watt & Co. and Boulton & Watt's books and outline of the Foundry accounts."*
- 37.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
25 Apr. 1799.  
*Docketed "Letters to sundry refractory mines resolved upon. Lists of adventurers wanted. Attempts of Harris and Daniel to change the venue. Measures in agitation to frustrate them."*
- 38.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
26 Apr. 1799.  
*On the same sheet:*  
Transcripts of four letters, as follows:  
A. & J. Weston (Fenchurch St.) to William Harris (Camborne). 25 Apr. 1799.  
A. & J. Weston (Fenchurch St.) to Mr. — Rowe (near Helston). 25 Apr. 1799.  
A. & J. Weston (Fenchurch St.) to Mr. — Passmore (Helston). 25 Apr. 1799.  
A. & J. Weston (Fenchurch St.) to Andrew Vivian (Camborne). 25 Apr. 1799.  
Transcript of account. New Wheal Treasury adventurers debtors to Boulton & Watt.  
*Docketed "Copies of letters written to several of the recusant mines. Foulke's negotiation in status quo. Measures adopted to bring it to a conclusion. Consultation with Serjeant Williams upon the attempt to change the venue."*
- 39.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
26 Apr. 1799.  
*Re-directed to M. R. Boulton at William Murdock's, Redruth.*  
*Docketed "Consultation with Serjeant Williams who thinks the adventurers cannot get the venue changed. Grounds alledged by opponents for changing the venue. Little chance of their success in the action."*
- 40.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 26 Apr. 1799.  
*Docketed "Letter to be written to W. Reynolds & Co. Vivian's blunders in Pryor's engine. Allowance to Coalbrookdale."*

- 41a.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
29 Apr. 1799.  
*Enclosing (b) below. On the same sheet:*  
Letter. James Watt (London) to M. R. Boulton (care of Thomas Wilson, Truro). 29 Apr. 1799.  
*Docketed "Proceedings at the Albion Mill meeting. Copy of the resolutions passed. Investigation of our Cornish claims postponed upon motion of Mr. Gregor in the Copper Committee. Watt Senr.'s sentiments upon compromises in Cornwall."*
- b.** Memorandum (press copy). Minutes of the meeting of the Albion Mill Co.  
27 Apr. 1799. 3 sheets.
- 42.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
30 Apr. 1799.  
*Docketed "Affidavits in opposition to Daniell and Harris preparing. Serjeant Williams indisposed. Palmer retained. Strong hopes entertained that the venue will not be changed. Intentions to leave Town."*
- 43.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 1 May 1799.  
*Docketed "Proposed departure from Town. Arrangements for the engine erectors."*
- 44.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
3 May 1799.  
*Docketed "Motion upon the rule to remove the venue postponed. Pleas put in by Spears, Harris' attorney – repented of and altered. Little chance of the motion succeeding. Tenor of Harris' answer to Weston's letter."*
- 45.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
4 May 1799.  
*On the same sheet:*  
Transcript of letter. William Harris (Rosewarne) to A. & J. Weston. 29 Apr. 1799.  
Transcript of letter. John Thomas (Truro) to A. & J. Weston. 1 May 1799.  
*Docketed "Copies of Harris' and Thomas' answers to Weston's letter. Chief Justice indisposed."*
- 46.** Letter. James Watt Jr. (London) to M. R. Boulton (care of Thomas Wilson, Truro).  
6 May 1799.  
*Docketed "Discharge of the rule to remove the venue into Cornwall. Account of the judges' observations and general remarks upon what passed in Court. Preparing to leave London."*
- 47.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
12 May 1799.  
*Docketed "Latitude in settling with the recusants. Weston required to sue out writs against sundry delinquent mines. State of engine orders."*
- 48.** Letter. James Watt Jr. (Wrexham) to James Watt (Heathfield). 24 May 1799.  
*Docketed "Detention at Minera – state of things there."*
- 49.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
29 May 1799.  
*Docketed "Motives of his journey to Minera – report of the administration of Mr. Jones and measures to be pursued by Boulton & Watt to justify themselves before the Chancellor."*
- 50.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
10 Jun. 1799.  
*Docketed "State of orders received and executed. General proceedings and proposed new arrangements at the Foundry."*

- 51.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
11 Jun. 1799.  
*Docketed "Agrees to the propriety of not relinquishing our shares in the mines till the conclusion of our disputes. Objections to the acceptance of the offer of the United Mines. Urging the speedy ratification of the agreement with Consolidated Mines. Difficulties attending the proposed concession to the Wheal Gons adventurers. Boulton & Watt disposed to acknowledge their obligations to Mr. Edwards in any other way."*
- 52.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
16 Jun. 1799.  
*Mis-dated by James Watt Jr. as 1798.*  
*Docketed "Receipt of bills in payment of the premiums from Consolidated Mines. John Wilkinson's hostile preparations."*
- 53.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
22 Jun. 1799.  
*Docketed "Acquiesces to the reasons for settling with the United Mines upon the terms offered. Determination to secure Murdock's improvements by a patent. Weston expected down to prepare the affidavit. Protests respecting Consolidated Mines wanted. New boring rod succeeds. Another epistle from Harris surpassing the former in absurdity. Certificates for the Income Tax not yet issued. Return and defeat of the Birmingham delegates."*
- 54.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
29 Jun. 1799.  
*Docketed "Receipt of bill - £100. Thinks Harris not deserving of any further notice. Progress in the alterations and additions at the Foundry. Visit of J. C. Curwen and his satisfaction with the terms of the settlement respecting his premium. Measures pursued by Boulton & Watt in regard to Maesyfynnon Mine. Sir John Call written to upon Albion Mill affairs. Present to Murdock."*
- 55.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
8 Jul. 1799.  
*Docketed "Acknowledgement of letter informing him of the settlement with Wheal Gons. Proposes to submit the other points of my letter to the consideration of Weston."*
- 56.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Truro). 12 Jul. 1799.  
*Docketed "Concurs in recommending immediate proceedings against the remaining refractory mines. The Birmingham Anti-Cornubians baffled."*
- 57.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
14 Jul. 1799.  
*Docketed "Waits Weston's opinion before he can write definitively upon the various points submitted to his consideration. Simcox promised to appoint a day for settling the Hallamanin business. Murdock's patent stopped by a caveat of Matthew Murray's. Wants Rogers' opinion of the propriety of throwing up Murdock's share in Wheal Susan."*
- 58a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
19 Jul. 1799.  
*Enclosing (b) below.*  
*Docketed "Enclosing copies of his correspondence with Weston relative to the unsettled claims and Hornblower's engines. Proposes to have the engines inspected by Rennie and writs to be sued out. Appointment with Simcox to settle the Hallamanin business. Reflections on the death of Lord Chief Justice Eyre."*
- b.** Transcripts. Transcripts of two letters on the same sheet, as follows:  
James Watt Jr. (Soho) to Ambrose Weston (London). 9 Jul. 1799.  
Ambrose Weston (London) to James Watt Jr. [Soho]. 17 Jul. 1799.

**59.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
22 Jul. 1799.  
*Docketed "Enclosing the bond for Wilson. Intends writing more fully in a post or two."*

**60a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
24 Jul. 1799.  
*Enclosing (b) and kept with (c) below. Headed "Wheal Prosper."*  
*Docketed "Estimate of double 63 inch engine for Wheal Prosper adventurers. Cautious in regard to the mode of stating the particulars. Comparison with Trevithick's offer."*

**b.** Memorandum. Metal Materials not included in Boulton & Watt's Estimate.

**c.** Memorandum. Price of 3 working pieces, 31 16 inch pumps and house water lift.

**61.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
24 Jul. 1799. 2 sheets.  
*Docketed "Mr. Boulton's letter to Mr. Warren Junr. written with the view of getting rid of the application – not desirous to employ him. Opinion of the proper mode of charging the premium upon Hornblower's engines. Rennie's consent to inspect the engines. Murdock's return and his report passed by the Attorney General. Murray's invention much approved. Visit and treaty with two Swedes for an engine. Mr. Ratton of Lisbon in treaty for an engine. Concluded with Paul Benfield upon the guarantee of Schneider & Co. – their character. State of orders. Gregory's return from a tour with Tuffen. Visit of the Russian ambassador."*

**62.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
28 Jul. 1799.  
*Mis-dated as 29 Jul. by James Watt Jr.*  
*Docketed "Enclosing de Boffe's account. Murdock assents to throw up Wheal Susan share – his discontentment. Proposal to take his shares off his hands. Opinion of Wilson's deserts. His history of Hornblower's engines received."*

**63a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
29 Jul. 1799.  
*Enclosing (b) below. Headed "Hallamanin."*  
*Docketed "Statement of Hallamanin account and other particulars of the conditional settlement with Simcox. Copy of letter to him."*

**b.** Account. Adventurers in Hallamanin Mine debtors to Boulton & Watt. 25 Jul. 1799.  
*On the same sheet:*  
Transcript of letter. James Watt Jr. for Boulton & Watt (Soho) to G. Simcox (Birmingham). 26 Jul. 1799.

**64a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
1 Aug. 1799.  
*Enclosing (b) below. On the same sheet:*  
List of Richard Trevithick's engines and the premiums due on them.  
*Docketed "Enclosing calculation of Trevithick's premiums. Observations thereon."*

**b.** List of Richard Trevithick's engines and the premiums due on them.  
*Calculated in a different way to the above list.*

**65.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
3 Aug. 1799.  
*Headed "Tin Mines, St. Agnes."*  
*Docketed "Calculations and estimate for the new tin mines in St. Agnes."*

- 66a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
5 Aug. 1799.  
*Enclosing (b) and (c) below.*  
*Docketed "Acknowledgement of the receipt of sundry bills. Anxious to have an account of Murdock's mining concerns in order to close them. Rennie written to. Suggestion in regard to the best mode of attacking Hornblower's piracies. Assent to make a present to Mr. Edwards. Appointing to be of the Rose Copper committee."*
- b.** Letter. William Wakelam (Livery St.) to M. R. Boulton (Soho). 31 Jul. 1799.  
*Re-directed to M. R. Boulton at Thomas Wilson's, Truro, then presumably enclosed in James Watt Jr.'s letter.*  
*Telling M. R. Boulton that he has been appointed to the Rose Copper Co. committee.*
- c.** Printed card announcing meeting of the Rose Copper Co. on 2 Aug. 1799.
- 67.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
8 Aug. 1799.  
*On the same sheet:*  
Transcript of letter. Ambrose Weston (Fenchurch St.) to Boulton & Watt [Soho]. 7 Aug. 1799  
*Docketed "Weston's opinion in regard to the proposed refund to certain adventurers in the Consolidated Mines. No objections to the measure. Payment to be made as before proposed."*
- 68.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
15 Aug. 1799.  
*On the same sheet:*  
Transcript of letter. John Rennie (London) to James Watt Jr. [Soho]. 13 Aug. 1799.  
*Docketed "Rennie's letter and uncertainty of his departure for Cornwall. Thinks my presence will be useful. Of opinion that we should make known our determination to enforce the payment of our claims. Weston entertaining little doubt of our being able to support our claims. Building at the Foundry nearly completed except workmen's houses which are postponed to another season."*
- 69.** Letter. James Watt Jr. (Soho) to M. R. Boulton "or in his absence Thomas Wilson" (Truro).  
19 Aug. 1799.  
*On the same sheet:*  
Transcript of letter. Richard Crawshay (Cardiff) to Boulton & Watt. 12 Aug. 1799.  
Transcript of letter. Boulton & Watt (Soho) to Richard Crawshay. 19 Aug. 1799.  
*Docketed "With copy of the correspondence with Crawshay. Wilson to know if there is any grounds for his alledged ignorance of Boulton & Watt's claims."*
- 70.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
22 Aug. 1799.  
*Docketed "Receipt of a letter from Rennie announcing his departure for Cornwall. Proposes making a tour into Wales with Lee."*
- 71.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
2 Sep. 1799.  
*Docketed "Transmits my last letter for Weston's consideration. Thinks Penrose should be served with a writ, to hasten his motions. Does not see any objections to Wheal Rose reference. Intention of proceeding with Lee to Clifton. Murdock's patent not yet passed owing to various obstacles. Has mentioned to him the proposal for buying his shares – his indecision. Agreement with Iddins for a quantity of timber."*
- 72.** Letter. James Watt Jr. (Monmouth) to M. R. Boulton (care of Thomas Wilson, Truro).  
5 Sep. 1799.  
*Docketed "Change in his plan of tour through Wales. Progress down the Wye."*
- 73.** Letter. James Watt Jr. (Merthyr Tydfil) to Gregory Watt [Soho]. 13 Sep. 1799.  
*With a postscript added by George Lee. Docketed "Relative to Murdock's specification."*

**3/49 Letters to M R Boulton, James Watt, Gregory Watt, 1800 (24 items)**

1. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 1 Feb. 1800.  
*Docketed "General Bentham wants estimate of steam engine for Portsmouth, without certain articles."*
2. Letter. James Watt Jr. (London) to James Watt (Heathfield). 6 Feb. 1800.  
*On the same sheet:*  
Draft of Weston's reply to Mr. — Jones.  
*Docketed "Copy of letter to Mr. Jones. Hornblower's case – letters wanted. Report of Hornblower's intentions."*
3. Letter. James Watt Jr. (London) to James Watt (Heathfield). 10 Feb. 1800. 2 sheets.  
*Docketed "Meeting at Albion Mill to consider Mr. Furey's proposal. Reflections on what passed. Consultation with Mr. Plummer on Hornblower's business. Reports about Leeming."*
4. Letter. James Watt Jr. (London St.) to Gregory Watt (Soho). 11 Feb. 1800.  
*Docketed "Mr. Brown's services to be declined. Letter to Dearman & Francis. Order for Edington."*
5. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 22 Jul. 1800.  
*Docketed "Enclosing Crawshay's order and letters received from Van Liender. Opinion of interview projected by the latter at Hamburg. Execrations of the Birmingham mob against my father."*
6. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 24 Jul. 1800.  
*Re-directed to M. R. Boulton at 1 New Bond St.*  
*Docketed "Sentiments upon the propriety of opening negotiations in Cornwall. Examination and reproof of Collier. Lee's order. Correspondence with Van Liender. Payment by Sirhoury Co. Lawson's health much improved."*
7. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 26 Jul. 1800.  
*Docketed "Acquiesces in terms of £150 salary proposed to Dayus – with the other immunities. Collier summoned before Mr. Birch. Intention of visiting Balcarres' works."*
8. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 28 Jul. 1800.  
*Docketed "Intention of employing Mint men at the Foundry and necessity of instituting a porter. Multitude of orders. Lawson's recovery."*
9. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 31 Jul. 1800.  
*On the same sheet:*  
Transcript of letter. Thomas Wilson (Truro) to Boulton & Watt. 26 Jul. 1800.  
*Docketed "Encloses Wilson's letter of the 26<sup>th</sup>. Agrees to the investment of the money as proposed by Mrs. Matthews. Complaints by Rendle of Plymouth respecting his engine."*
10. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 1 Aug. 1800.  
*Re-directed to M. R. Boulton at 14 Cork St., Burlington Gardens.*  
*Docketed "Enclosing Crawshay's order for delivery of engine materials in the hands of Bailey to our order. Amendment in the state of Lawson's health."*
11. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 2 Aug. 1800.  
*Docketed "Sherratt written to in regard to the detention of the West India Dock goods. Calculation respecting the 10 horse engine for the paper mill. Wants information on Dyer's mineral black."*
12. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 4 Aug. 1800.  
*Docketed "Has forwarded the papers respecting Hornblower's business."*

- 13.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
14 Aug. 1800.  
*Docketed "Departure with Lawson upon an excursion into Wales. Southern at Manchester with Lee to arrange his engine. State of orders. Arrangements in the copying machine business."*
- 14a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Truro). 2 Oct. 1800.  
*Enclosing (b) below.*
- b.** Printed list. Materials proposed to be furnished by Boulton Watt & Co. for the Whim Engine at United Mines.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. to R. Mitchell (United Mines). 2 Oct. 1800.  
*Docketed "Copy of letter and estimate to R. Mitchell. Return from his tour to North Wales and Lancashire, and Lawson's perfect restoration. Great influx and prospect of orders. Preparation and proposals of Fawcett of Liverpool. Necessity of extending our Foundry and increasing the hands. Proposals to Lawson and ideas upon the intended agreement with him. Opinion and examination of Balcarres' works."*
- 15.** Letter. James Watt Jr. (Soho) to M. R. Boulton (at Thomas Wilson's, Truro). 3 Oct. 1800.  
*On the same sheet:*  
Account. John Williams debtor to Boulton & Watt. 21 Jan. 1800.  
*The account is in James Pearson's hand.*  
*Docketed "Statement of charge against J. Williams for boring rods. Mr. Boulton confirms Mr. Wilson's statement of the agreement with Capt. Paul and desires the account to be settled with him."*
- 16.** Letter. James Watt Jr. (Soho) to M. R. Boulton (at Thomas Wilson's, Truro). 4 Oct. 1800.  
*Docketed "Acknowledgement and receipt of bills from Hornblower pirates. Lawson and Gregory set out upon their tours. Capt. Crawford wants information respecting Cassady."*
- 17a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
11 Oct. 1800.  
*Enclosing (b) below.*  
*Docketed "Ready to excite Weston's exertions. List of orders received and great difficulty of getting work executed. Foundry books still unsettled. Intent of engaging some of the Mint hands. State of the jobs under hand at the Foundry. John Wilkinson's follies. William Wilkinson's want of information respecting Consolidated Mines."*
- b.** Letter. William Wilkinson (Holker) to James Watt Jr. (—). 9 Oct. 1800.
- 18.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
17 Oct. 1800.  
*Docketed "His numerous occupations prevent him from answering enquiries about estimates. Lawson's agreement concluded. Doubts of its being entirely satisfactory to him. Prospect of orders from Scotland – great reputation of our engines there. Fishwick's orders. Conference with Dearman – promise of assistance from him. Ideas upon the proposal of the Wherry and Wheel Margaret Adventurers and of the proper proceedings against them."*
- 19a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
17 Oct. 1800.  
*Enclosing (b) below.*  
*Docketed "Estimate of a double 24 inch and single 36 inch cylinder. Summoned to a consultation by Weston. Doubtful of his being able to attend."*
- b.** Printed list. A list of the metal materials of a 36 inch single 8 feet stroke proposed to be furnished by Boulton & Watt, to Messrs. Daniell Jenkins & Co. Soho, 17 Oct. 1800.

**20.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
17 Oct. 1800.

*Docketed "Resolves upon going to London."*

**21.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
23 Oct. 1800.

*Docketed "Return to Soho and account of the consultation with Weston. Sentiments upon future proceedings to be pursued against the refractory mines."*

**22.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
24 Oct. 1800.

*Docketed "Money advanced to Dyer and ideas of a connection with him. Wants Wilson's accounts and copy of correspondence with Bailey of Bristol."*

**23.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
29 Oct. 1800.

*Re-directed to M. R. Boulton at Soho.*

*Docketed "Extract from Weston's reply in regard to the effect of the Statute of Limitations in Wheel Pool case. Homfray's letter and wish to see one of the firm in Wales to arrange with him the proposed new engines. Southern's journey to London. Murdock's engagement."*

**24a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (care of Thomas Wilson, Truro).  
30 Oct. 1800.

*Re-directed to M. R. Boulton at Soho. Enclosing (b) below.*

*Docketed "Enclosing copy of reply to Homfray's letter requesting an interview with one of the house in Wales."*

**b.** Transcript of letter. James Watt Jr. for Boulton Watt & Co. (Soho) to Samuel Homfray (Penydarren). 30 Oct. 1800.

### **3/50 Letters to M R Boulton, Gregory Watt, 1801**

**(24 items)**

**1.** Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 2 Mar. 1801. 2 sheets.  
*On the second sheet:*

Letter. James Watt Jr. (London) to John Southern (Soho). 2 Mar. 1801.

*Docketed "Declined Douglas' premises. Receipt of £2236.11 from West India Dock Co. R. Walker's conduct handsome. London Dock Co. unwilling to give up their turn. Order for a third pump and engine for this co. Rudge and Price's conduct. Slow progress of Isle of Dogs Canal. Difficulty of getting money from Isle of Dogs Canal. Detention of Turnbull Forbes & Co.'s goods and Huddart's fly wheel – latter sent back part of the way. Turnbull & Co. will not have the engine erected in London. Answers to sundry memorandums of Mr. Southern. Orders for sundries for London Dock. Co."*

**2a.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Post Office, Cheltenham). 19 Apr. 1801.  
*Enclosing (b) below. On the same sheet:*

Letter. Mark Kerr (Royal Canal House, Dublin) to John Tyrrel [Dublin]. 13 Apr. 1801.

*Docketed "Enclosing letter of Royal Canal Co.'s secretary authorising Mr. Tyrrel to treat for the Gloucester engine on their behalf. Mr. Tyrrel's letter proposing to call to inspect it – wishes me to meet him."*

**b.** Letter. John Tyrrell (5 Merrion Square East, Dublin) to Boulton & Watt. 14 Apr. 1801.

**3.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Post Office, Cheltenham). 24 Apr. 1801.  
*Docketed "Visit of Mr. Tyrrel who intends to treat for the Gloucester engine. Further particulars relative to the Royal Dublin Canal Co. Departure of Gregory Watt and Murdock upon an excursion to Scotland. Sundry particulars about engine concerns."*

**4.** Letter. James Watt Jr. (Soho) to Gregory Watt (Post Office, Leeds). 25 Apr. 1801.  
*Thomas Easton of Kenton Colliery reports Thomas Barnes' death and suspends the engine order. Can Gregory Watt visit him.*

5. Letter. James Watt Jr. (Soho) to Gregory Watt (Post Office, Leeds). 26 Apr. 1801. *Re-directed to Gregory Watt in Edinburgh, and again to Gilbert Hamilton's, Glasgow. Remittances from Messrs. Salvin and the St. Mirren Co. – comments on both orders.*
6. Letter. James Watt Jr. (Soho) to M. R. Boulton (Post Office, Cheltenham). 27 Apr. 1801. *On the same sheet:*  
Transcript of memorandum delivered to John Tyrrel. 9 Feb. 1801.  
*Docketed "Memorandums of the power, cost etc. of the Gloucester engine."*
7. Letter. James Watt Jr. (Soho) to Gregory Watt (Post Office, Newcastle). 29 Apr. 1801. *Amended order for Mr. Richardson. Has written a letter of condolence to Mr. Forster on the death of Thomas Barnes. Rolls for Easterby Hall & Co.*
8. Letter. James Watt Jr. (Soho) to Gregory Watt (Post Office, Newcastle). 1 May. 1801. *Letter dated and docketed as 31 Apr. Re-directed to Gregory Watt in Edinburgh. Packing and delivery of iron work for Halbeath. Mr. Surtees' gift of seven guineas to Joseph Varley. Unpaid account of Hope's trustees. Can Gregory Watt buy a couple of copies of the new map of the rivers Tyne and Wear.*
9. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 6 May 1801.  
*Watt Jr. completed this letter on 7 May.*  
*Letters he has sent to Leeds and Newcastle. Lawson and various Scottish orders. Has received Gregory Watt's letter of 4 May with various bills. Mr. Boulton still at Cheltenham and to go to London.*
10. Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 11 May 1801.  
*James Lawson is ill – Murdock or Creighton may have to superintend Boulton Watt & Co.'s Scottish concerns. May go to London for the Godolphin case.*
11. Letter. James Watt Jr. (Soho) to Gregory Watt (Post Office, Ayr). 18 May 1801.  
*Dr. Carmichael's opinion on James Lawson's health. Scottish concerns and arrangements for Creighton to tend to them. Proceedings against Cornish mines.*
12. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 21 May 1801.  
*Docketed as 24 May. Docketed "Subpoenas in the action against Godolphin arrived. Murdock and Gregory about returning from Scotland. Satisfaction of our Scotch customers. Creighton to proceed northwards to relieve Lawson. Enquiries of Rennie and Tyrell relative to the respective engines for the London and West India Docks. Charge against William Harrison by Rendle."*
13. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 10 Jul. 1801.  
*Docketed "Mitchell & Holt promise payment of their account. State of Pollard's and Murray's engines. Receipt of balance of McConnel & Kennedy's account. They order a 45 horse engine with all new contrivances to be ready in 12 months. Rough estimate. Intends to call at Ridgeway's and Horrocks of Preston."*
14. Letter. James Watt Jr. (Lancaster) to M. R. Boulton (Soho). 13 Jul. 1801.  
*Docketed "Visit to Dixon Co.'s, Bolton. Ridgeway's – state of their engine. Introduced by Horrocks to Lord Derby and Blackley associates. Horrocks' engine a chef d'oeuvre of Bateman & Sherrat's near approach to the perfection of our own. Great expectations formed of the eccentric working gear. Doubts whether a patent for it might not be advisable. Recommends a revision of our opinion. Wants account against Leeming & Jackson for Lord Derby's engine. Hodgson & Co.'s difficulties – dirty state of their engine. Sloping grate not suited to their coal. No tidings of engine for Wright of Hornby Castle."*

**15.** Letter. James Watt Jr. (Glasgow) to M. R. Boulton (Soho). 18 Jul. 1801.  
*Docketed "Has not seen Creighton but left directions to proceed to Caton. Grate to be rectified. Arrowsmith & Pennington's engine. Lawson wants memorandums of accounts. Receipt of £100 from Bakers' Co. Appointment with Lawson at Dundee to return through the iron works. Sales of copying machines."*

**16.** Letter. James Watt Jr. (Glasgow) to M. R. Boulton (Soho). 1 Sep. 1801. 3 sheets.  
*Docketed "Intended progress southwards on his return home. Situation and condition of the Scotch engines and general satisfaction of the parties. Summary account of the situation of some new iron works. Geddes' inconsistent conduct. Receipt of £30 from him and advice to draw for the balance if not remitted in the course of a fortnight. Favourable report of Harley's conduct."*

**17.** Letter. James Watt Jr. (Glasgow) to M. R. Boulton (Soho). 5 Sep. 1801.  
*On the same sheet:*

Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 5 Sep. 1801.  
*Docketed "Remittances from Pattison and Monach. Philp & Co. have given directions for the payment of their account. Nothing recovered by Mr. Hotchkiss from Anderson & Co.'s estate. Beam and cross beam wanted by Tenant Knox & Co. Estimate of a blowing engine for Mr. Edington wanted. Mr. Miller disposed of his stock of copying machines. Orders new ones. Visit to Mr. Hamilton."*

**18.** Letter. James Watt Jr. (Old Cumnock) to M. R. Boulton (Soho). 13 Sep. 1801. 2 sheets.  
*Docketed "Further observations on the state of the engines in Scotland. The Linwood Company supposed to be in treaty with Baird. Engines likely to be wanted at Paisley. Mr. Cunningham's difficulties in transporting his cylinder. Both he and Mr. Houston diligent apostles in propogating the true faith. Overtures to G. Grieve for a renewal of his engagement. Visit to Colonel Fullarton and opinions of his numerous schemes. The Colonel is curious to learn our views in the iron trade. Mention of an offer of a situation made to us by Mr. Buchan. Mr. Buchan's estate near Cumnock. At the same inn with him – likely to learn his situation. Inspection of the neighbourhood of Old Cumnock. Good conduct of Mr. Pearson – present to him. Will send him to Manchester. Destinations of the other hands. Proposes McMurdo's mother to be cautionary for her sons in the agreement. Order of a new boiler and apparatus for Messrs. Finlay & Co. of Catrine Mill."*

**19.** Letter. James Watt Jr. (Glenwilt, Cumberland) to M. R. Boulton (Soho). 29 Sep. 1801.  
*Docketed "Account of his progress to Glenwilt. Opinion on Mr. Thomson, Mr. Murdock's brother-in-law and idea of his utility to us. Order in agitation by Messrs. Scott McWilliam & Co. of Gatehouse. Intends to visit Alston Moor and the upper part of the Tyne."*

**20.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 3 Oct. 1801.  
*Docketed "Wants answer respecting Thomson's application. Offer of services from an acquaintance of Lawson. Account of Murray's proceedings and revels. Opinion of Watkin. Striker & Co. Fishwick's anger at not receiving calculations and assistance in planning his forge engine."*

**21.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (—). 10 Oct. 1801.  
*The docket is on a separate wrapper.*  
*Docketed "Opinion of mode of combating the desertion of our smiths. Difficulty of getting good hands about Newcastle. Kenton Co. satisfied to wait our time. New estimate for Tyne Main – thinks it will be an order. Order of a 4 horse engine for Tyne Iron Co. Favourable opinion of their establishment. Fishwick's property. Hawkes & Co. have given Murray the order for their engine. Present and increase of M. Wheatley's wages – his conduct satisfactory. Errors in several of the Newcastle accounts. Receipts from sundry. Barnes' widow left in straightened circumstances – expected that we should render her some assistance. Prospect of an increased demand for coals and new orders for engines."*

**22.** Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 11 Oct. 1801.  
*Docketed "Has a prospect of engaging smiths and fitters."*

23. Letter. James Watt Jr. (Newcastle) to M. R. Boulton (Soho). 14 Oct. 1801.  
*Docketed "Terms of engagement of four smiths and a millwright to go out with the Falmouth hydraulic ram. Received balance owing from Gateshead. Grimshaw wishing to exchange his engine for a larger one."*

**3/51 Letters to M R Boulton, Gregory Watt, 1802 (26 items)**

1. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 6 Jan. 1802.  
*Enclosing three bills of exchange. Fire in R.R. Cunningham's engine house. Mr. Clegg's extravagant charges for time spent repairing Mr. Strutt's engine. Three apprentices who have not been given Christmas presents for being idle etc. Wants a small box of tools "fitted for the use of a Country Gentleman".*

2. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 8 Jan. 1802.  
*Has received a letter from Rennie saying that the cast iron beam is urgently wanted and he will get it made in London. Doubts the urgency of this. M. R. Boulton should see the premises first. If Matthew Boulton and M. R. Boulton agree with him about the little engine, they can cast both beams in a month or six weeks. Encloses an impudent letter from Mr. Morgan. Wants Ambrose Weston's opinion on prosecuting him. Arrangements to bring Mr. Potter home from Ireland. Cannot trust Morgan to deliver letters.*

3. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 12 Jan. 1802.  
*Substandard pipes made by Messrs. Smiths for Falmouth water works. The Falmouth account should now be presented. Can M. R. Boulton speak to Mr. Chippendall about his advertisement. The London dock engine beam has been cast. The second will be cast within a week. Casting Murray's beam today. Improvements to Foundry stoves. Creighton has not got Mr. Williams' engine working – he has sent William Harrison.*

4. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 13 Jan. 1802.  
*Have received the "project" from M. R. Boulton. Murray's beam has been cast. Improvements to Foundry stoves. Can John Woodward enquire about prices of ships' fireplaces. Can M. R. Boulton reproach Mr. Tuffen for not carrying out sundry commissions.*

5. Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 15 Jan. 1802.  
*Mr. Delafort has called upon him so he will have to delay coming to London. Encloses a remittance from Taylor & Weston. Can M. R. Boulton send £300 in small bank notes to James Pearson. 4 bills he has drawn on Matthew Boulton.*

6. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 12 Jun. 1802. 2 sheets.  
*Benjamin Gott's millwright Mr. Pritchard found Mr. Halligan at Matthew Murray's foundry. William Murdock has spoken to Halligan's wife – she is very unhappy and wishes to return to Soho. The Halligan's situation in Leeds. John Hughes is lodging with them but she knows little of his job with Murray or why he left Soho. James Watt Jr.'s enquiries about buying land next to Murray's foundry, including a malt house which projects onto Murray's premises. Gott thinks that Murray's partner Mr. Fenton would be ashamed of his partner's actions. Murray's character. Halligan's report of Murray's casting nozzles in dry sand – their moulder who cast them in green sand is dead; the quality of Murray's green sand castings; Soho Foundry mixes too much coal dust into the sand. Details of Murray's casting operations, foundry and cupola. Plans to learn more about Murray's works.*

7. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 14 Jun. 1802. 2 sheets.  
*Mr. Halligan has asked to be re-employed at Soho Foundry. His reasons for leaving Soho. James Watt Jr. has agreed. The terms for Halligan's return. The possibility of leaving him to spy on Matthew Murray and Mr. Dixon. Halligan's wife Nancy is delighted at the chance of returning. John Hughes' situation with Murray, and his report of Dixon calling at Soho to lure away more workers. Has searched Hughes' trunk and found a roll of drawings. Wants to seize Hughes in order to see letters from his father but needs a Justice's warrant in the area where the offence happened. Can James Watt procure a warrant. Has not taken the drawings as it might raise Hughes' suspicions. Believes Hughes was encouraged to leave Soho by his father, who is also planning to leave. Seizing Hughes may help incriminate his father. Dixon came to Soho both to look for 3 or 4 apprentices who had left Murray, and to entice other men to Leeds. Has no intention of seeing Murray and his partners. Is negotiating for the malt house and other land next to Murray's foundry – what is the Soho opinion on this. Further details of Murray's works including a small sketch.*

8. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 15 Jun. 1802.  
*Encloses Mr. Halligan's new articles. Halligan's gratitude at being re-employed at Soho and condemnation of Mr. Dixon. Halligan has learnt much about Matthew Murray's foundry. Halligan will try to steal John Hughes' letters from his father. Has heard from Halligan's wife that W. Williams at Soho Foundry was encouraging other workers to look for new posts. Details of the orders Murray is working on. Details of Murray's foundries and production operations, workforce, pay etc.*

9. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 17 Jun. 1802.  
*Mr. Halligan has seen John Hughes' letters – they are not significant. Mr. Dixon has returned and told Halligan of problems at Soho and that W. Williams, Mr. Meadows, Isaac Croft and Hughes' father Joseph are all leaving. His attempts to buy land near Matthew Murray's foundry. Opinions about Murray's partners Mr. Fenton and Mr. Wood. Hopes the arrival of the warrant will finish the business. Little chance of hiring any of Murray's men. Will have plans and information about Murray's machinery, and have seen the engines he makes. Report of Mr. Enmet's engine works near Bradford. Wants M. R. Boulton to place a large order for green sand with Mr. Smith of Castleford.*

10. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 18 Jun. 1802.  
*Has learnt that one of John Hughes' letters is from a Soho smith, Forster. Therefore had Hughes apprehended in order to get the letter and prove he was "seducing" Soho workers. Encloses Hughes' drawings, letters and indentures. If he does not prove himself to be of age, Mr. Lane can charge him with absconding. Hughes has been unco-operative. It is not yet known that Mr. Halligan is privy to James Watt Jr.'s "operations". They need to take strong measures against the miscreants.*

11. Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 19 Jun. 1802. 2 sheets.  
*On the second sheet:  
Sketch of the area around Matthew Murray's works.  
Arrest and return to Birmingham of John Hughes. His reasons for leaving Soho. Problems of proving that Hughes' father was encouraging workers to leave Soho. Problems of Mr. Dixon as a witness against Hughes and Matthew Murray. Progress with purchasing land near Murray's foundry – advice of Benjamin Gott and Boulton Watt & Co.'s lawyer Mr. Upton. Will proceed to Manchester. William Murdock is ill with headaches. The only way to get at Matthew Murray is to undermine his reputation and compete with him. Their friends say there is sufficient business for another engine works in the area. The woman who owns the malt house next to Murray's works will not sell it. Got Mr. Halligan to inform Murray's partner Mr. Wood about Hughes' arrest. Wood's belief that Hughes had been Boulton Watt & Co.'s spy. One of their runaway workers had been returned from London – their problems with runaway workers. Halligan's neighbours have noticed James Watt Jr.'s visits, but the business is finished now. William Murdock is to meet with a Scottish green sand moulder.*

**12.** Letter. James Watt Jr. (Leeds) to M. R. Boulton (Soho). 19 Jun. 1802.  
*Messrs. Bairds of Glasgow have visited Matthew Murray's works. They claim to have a letter from someone in Glasgow to James Watt, but they should not be allowed into Soho. Mr. Dixon has suggested Joseph Hughes ask for wages arrears – Hughes does not care if he affronts Boulton Watt & Co. Benjamin Gott wants M. R. Boulton to get a plan of a hall from Mr. Lawrence.*

**13.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 23 Jun. 1802.  
*The docket is on a separate wrapper.  
Called upon Mr. Lodge of Halifax – Creighton will send details of his engine. Saw Taylor & Butterworth's factory at Rochdale. Mr. Taylor Snr. is dead, his son is retired and employs his capital building mills. Saw a Bateman & Sherrat engine at Rochdale working very poorly. General poor opinion of their engines. His instructions to the lawyer Mr. Upton about buying land next to Matthew Murray's foundry in Leeds. The green sand moulder Mr. Davey asked for too much for it to be worth hiring. Has asked Mr. Halligan to stay at Murray's but to leave if his situation becomes uncomfortable. A. & G. Murray's engine is working well and they want an estimate for extinguishing apparatus. McConnel & Kennedy are in a hurry for their machinery. Mr. Lee's eccentric circle needs replacing. Mr. Bury's engine was working well. Problems with Marriott & Robinson's engine. State of Mr. Rupp's engine. Is going to Bolton. M. R. Boulton should consult Ambrose Weston about bringing an action against Joseph Hughes.*

**14.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 25 Jun. 1802.  
*Needs the opinion of "the Soho Committee" about buying land next to Matthew Murray's foundry in Leeds. Has finished his survey of engines in the Manchester area (except Oldham). Suggests an alteration for the Chatham little engine working gear. They also want a pillar under the main beam, as do Dixon & Co. Taylor & Weston want a box of cement. Peter Marsland has altered the situation of his engine.*

**15a.** Letter. James Watt Jr. (Soho Foundry) to M. R. Boulton (Soho). 22 Jul. 1802.  
*Enclosing (b) below.  
Enclosing a note of Joseph Hughes' time and profits. Hughes is consulting a lawyer about getting his and his son's articles from Boulton Watt & Co.*

**b.** Account. Joseph Hughes' day and piece work and wages, Michaelmas Quarter 1800—  
Midsummer Quarter 1802.

**16.** Letter. James Watt Jr. (Norfolk St., London) to M. R. Boulton (Soho). 21 Nov. 1802.  
2 sheets.  
*Will stop proceedings against the Straw Paper Co., as Mr. Lister says their forfeit money will be paid. Arrangements for the removal of the engine. Rennie has finished the drawings of Peckover & Bellamy's millwork. Discussion with Mr. Hawkes about the Gravesend account – Hawkes suggests a very strong letter from Boulton Watt & Co. Fire at Hawkes & Co.'s Newcastle premises, destruction of their engine. Want to replace it with a 20 horse one. John Shakespeare has finished repairs at Gravesend and is free to erect the Barton engine. William Hufton's engine performs well. Has forwarded the corn mill governor drawing to J. D. Van Liender. Discussions with Ambrose Weston concerning Matthew Murray's patent. List of drawings Weston needs for the case. Has James Lawson obtained any information from Gavin about Murray's "seduction" of Soho workers and obtaining intelligence of Boulton Watt & Co.'s proceedings. Has he got any information from Mr. Crowther.*

**17.** Letter. James Watt Jr. (London) to M. R. Boulton (—). 23 Nov. 1802.  
*Enclosing a letter from Zaccheus Walker Jr. and John Woodward's reply. Will discuss the subject when they meet. Rashleigh Goode & Remphorn of St. Austell are ready to pay as soon as the deeds are signed [M. R. Boulton's docket notes this was connected with Thomas Wilson's mortgage]. Has not seen Thomas Wilson.*

- 18.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 25 Nov. 1802.  
*Joseph Bramah's opposition to James Simpson's plans for Chelsea water works. James Watt Jr. has declined interfering beyond advising on the best sort of engine. Rennie's sole objection to Peckover & Bellamy buying Koops Tate & Co.'s engine. They might buy Fishwick's engine as well. Mr. Lister's week for paying the Straw Paper Co. forfeit money expires tomorrow. Mr. Chapman from Newcastle is planning the new Hull docks with Rennie.*
- 19.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 26 Nov. 1802.  
*Has explained Mr. Wetherell's affair to Fermin de Tastet, who recommends putting the business into the hands of a reputable house in Seville. Dias Santos believes his Portuguese correspondent will agree to send men for instruction. William Hufton's engine is well put up but "in a dismal hole". One of the millwrights had his hand sheared off in the wheels. Hufton is pleased with the engine and praises Mr. Dayus.*
- 20.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 27 Nov. 1802.  
*Has received the deeds and given Thomas Wilson his accounts. Wilson "has been roughly handled" by Mr. Craunshay, and his plans for a brewery have not progressed. Is attempting to get his loan from Boulton & Watt prolonged. Encloses a letter to Dias Santos. Death of Mrs. Keir. Has not yet seen the Browns.*
- 21.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 29 Nov. 1802.  
*Has visited the Isle of Dogs canal engine with Rennie. The company's plans to make it double-acting. Details of the parts needed. If Soho can do it in the time specified, can M. R. Boulton contact Rennie. If not, Rennie wants them to make the nozzles. Mr. Lister's clients [The Straw Paper Co.] have not yet paid the money.*
- 22.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 1 Dec. 1802.  
*Ambrose Weston wants models for the case against Matthew Murray. Directions for William Murdock to make them. Has discussed with Anaram Burton & Graham their proposed allowance for introducing Boulton Watt & Co. engines in the West Indies. George and John Philips have dissolved their partnership with their London manager Mr. Borne. Does not see any objection to Mr. Upton's plan. One of the letters M. R. Boulton forwarded was from William Henry, saying that Mr. Haliburton, Lord Balcarres' steward was about to visit Soho. Can M. R. Boulton show him the necessary civilities.*
- 23.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 3 Dec. 1802.  
*Has met with Mr. Lister and the proprietors of the Straw Paper Co. Has referred the settlement to Ambrose Weston. Believes their premises have been sold to liquidate Mr. Koops' debts. Proposals for the removal of the engine from the premises and payment by the company for the costs and materials. The successful erection of the Falmouth water works engine in Jamaica. Has not seen Richard Dayus. Can John Southern set out immediately so he can visit Chelsea with James Watt Jr.*
- 24.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 4 Dec. 1802.  
*Has given Rennie the estimate for the Isle of Dogs alteration – he says they should go ahead. Hawkes & Co. would prefer a 20 horse engine but have asked for an estimate for a 14 horse cylinder for their existing engine. Rennie has not heard of the 6 horse engine sent to him. Peckover & Bellamy will take Koops & Co.'s 80 horse engine. Have consulted with Mr. Holroyd over Matthew Murray's patent. William Cox and Salvatore Viaggio wish to rejoin Boulton Watt & Co. Details of their careers since leaving Boulton & Watt. John Woodward's relation Mr. Yates has joined the Borough water works. The Revd. Cotton called on Woodward – his son is promising and Woodward says they need a boy in the counting house at London St. G. Mynd told James Watt Jr. that he had given "the questions" to Wyatt to answer.*

**25.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 6 Dec. 1802.  
*It is not essential for John Southern to come to London. The split models for the case against Matthew Murray will not be wanted before the end of January. Koops & Co. acceded to the proposal for the delivery of the Straw Paper Co. engine. Has passed an estimate of a 6 horse engine to Mr. Sabine at the London Assurance Office. Has met Mr. Fishwick – arrangements for the sale of the engine originally intended for him as he will not want it in less than 6 to 8 months. His father and mother have set out for Soho.*

**26.** Letter. James Watt Jr. (London) to Gregory Watt (Soho). 7 Dec. 1802.  
*2 or 3 months ago they sent an estimate for a 40 horse engine to Mr. Swann of Goodman's Field, London. Has heard Swann has ordered an engine from Matthew Murray, Fenton & Wood, as their estimate was £400 less. Can he have a copy of the estimate. Hopes "the travellers" [James Watt and Mrs. Watt] arrived safely. He and Mr. Moilliet plan to travel to Soho on Saturday or Sunday.*

**3/52 Letters to M R Boulton, Gregory Watt, 1803**

**(54 items)**

**1.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Manchester). 21 Mar. 1803.  
*Sees no objection to sending Pearson and Mr. Wright to erect the Radford Cotton Co.'s engine. Progress with its manufacture. No word from Brown & Co. about an erector. Mr. Spode's colliery engine is nearly finished. Rennie has ordered 2 6 horse engines. 4 of his previous orders were for Trinidad. Mr. Addenbrooke wants a 4 horse engine immediately. Creighton has answered some but not all of Boulton Watt & Co.'s queries – his information on Laird & Co., Monteith, Stirling & Co., Houldsworth & Co., Underwood Co.'s engines, boilers etc. Query from Scaith Marshall & Co. about their materials. Mr. Mitton's executor Mr. Eaden wants Boulton Watt & Co. to dispose of the engine.*

**2.** Letter. James Watt Jr. (Soho) to M. R. Boulton (Stoke). 23 Mar. 1803.  
*Brown & Sons have received their materials and will be ready for an engine erector in a week to 10 days. M. R. Boulton should instruct John Brunton. Ann Boulton has had gripe.*

**3.** Letter. James Watt Jr. (Norfolk St., London) to M. R. Boulton (Soho). 18 Apr. 1803.  
*Details of Dias Santos' order for engines for Portugal. They are tied by their correspondents and wish to have the matter off their hands. They will approve a man being sent from England. Richard Dayus will go to Peckover & Bellamy. He says John Shakespeare has almost finished the Barton engine. Broken valve on Messrs. Trummer's engine. Problem with the new eccentric wheel on Bough & Holmes' engine. Jackson & Dampier will begin their alteration work. Has asked John Woodward to send an account of his commission at the London House to Soho. When it is settled, the books can be closed. Plans to go to Bath. Mr. Lee's marriage – "I believe the horse is to be tied tomorrow". Political observations.*

**4.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 23 May 1803.  
*Creighton has sent Mr. Monteith's remittance. Problems with the account – can Gregory call upon Monteith. They have sent James Lawson to "admonish" John McGeorge. If he fails, Gregory may have to call upon him in Edinburgh.*

**5.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 24 May 1803.

*On the same sheet:*

Letter. James Lawson (Manchester) to Gregory Watt (—). — May 1803.

Four transcripts, as follows:

J. & J. Wilson (Hurllet Colliery, Paisley) to Boulton Watt & Co. 8 Mar. 1802.

Boulton Watt & Co. (Soho) to J. & J. Wilson [Paisley]. 13 Mar. 1802.

Extract from letter. Boulton Watt & Co. to James Lawson (—). 13 Mar. 1802.

Extract from letter. James Lawson (—) to Boulton Watt & Co. 21 Jun. 1802.

*Can Gregory visit J. & J. Wilson of Hurllet Colliery about the order for their boiler. Annexes correspondence with them. They did not order a boiler originally but one can be provided in a month.*

**6.** Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 31 May 1803.  
*Barker has got a judgement against Hesketh & Schofield, and they may have an execution against either their persons or effects. James Watt Jr. is unsure how to proceed so has asked James Lawson and Mr. Lee to consult Mr. Jones. John McGeorge's complaints about his account. Gregory Watt and Creighton will visit him.*

**7a.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 31 May 1803. 2 sheets.

*Enclosing (b) below. On the second sheet:*

Letter. James Lawson (Manchester) to Gregory Watt (Glasgow). 2 Jun. 1803.

*Enclosing copies of correspondence with John McGeorge. His reasons for not paying his account, some of which sound plausible, others false. Details of his queries and the order. They have reason to be dissatisfied with McGeorge's conduct. However he is wary of their erector Henry Vivian's abilities. Therefore can Gregory and Creighton inspect the engine and remedy any faults. If McGeorge refuses to pay the matter should be put into the hands of their Edinburgh attorney Mr. Hotchkiss. Sending the letter via James Lawson for his comments.*

**b.** Transcripts. Four transcripts on the same sheet, as follows:

Extract from letter. William Creighton to Boulton Watt & Co. 27 Apr. 1803.

Boulton Watt & Co. (Soho) to John McGeorge [Edinburgh]. 5 May 1803.

John McGeorge (Edinburgh) to Boulton Watt & Co. [Soho]. 24 May 1803.

Account presented Mr. McGeorge by Mr. Creighton.

**8.** Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 6 Jun. 1803.

*The address and M. R. Boulton's docket are on a separate wrapper.*

*Settlement with Hesketh & Schofield. James Lawson has been at Halifax visiting engines and settling accounts of Mr. Lodge, Taylor & Sons, Mr. Ashton, A. & G. Murray. John Brierley of Stalybridge has ordered a 14 horse engine. Gregory Watt has reported that he has settled with Mr. Monteith, that J. & G. Wilson are convinced that their boiler was included in the original estimate, and on the conceit of Henry Vivian. Rennie's queries about his 4 engines for the West Indies. Backlog of current orders. Preparations for a court case. John Brunton has altered Messrs. Strutt's engine. Mr. Potter says Wilkes & Jewsbury's engine performs well. Bad weather interrupting alterations at the Manufactory and the Foundry. Transfer of the smith Forster to the Foundry. William Murdock found that Mr. Thompson had done nothing at Fazeley St.*

**9.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow).

8 Jun. 1803.

*Thanks him for his mineralogical observations in Ayrshire. M. R. Boulton and John Southern are in London. Are preparing for the case against Matthew Murray. Details of the building work at the Manufactory and Foundry. Was not aware of Gregory Watt's poor health or he would not have sent him to settle with Mr. McGeorge. Wishes Creighton had more energy in his dealings. Personal and social news from Soho and of friends.*

**10.** Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 9 Jun. 1803.

*Details of the movements of various engine erectors and their work on various engines. William Wilkinson's report of the Llanarmon engine. Enquiry from Bristol about a colliery engine and from Creighton for an 8 horse engine for the Springfield Dye Works Co. Can M. R. Boulton get 6 flasks of Bartovalli oil for him.*

**11.** Letter. James Watt Jr. (Soho) to M. R. Boulton (London). 13 Jun. 1803. 2 sheets.

*Richard Dayus' practice of selling hemp and tallow and his desire to set up a shop – James Watt Jr.'s disapproval. Rennie's disapproval of his conduct but high opinion of his talent. John Woodward says Peckover & Bellamy's account is 3 months overdue. John Brunton's problems with Messrs. Strutt's engine and Gould & Williamson's engine. Models for the case against Matthew Murray. An enquiry from Baron Rolbielsky of Vienna for an engine for spinning cotton. Visit of Mr. Rey, former partner of de Bihl & Co., Petersburg – James Watt Jr. did not like him. Details of Rey's background. Lawson's report from Manchester – cannot get payments. News of various Manchester engines.*

**12.** Letter. Boulton Watt & Co. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 15 Jun. 1803.

*In James Watt Jr.'s hand.*

*Mr. Monteith's bill upon Messrs. Smith Lindsay Smith & Co. has not been accepted. Can Gregory Watt tell Monteith and obtain other security. Another bill of Dunlop Smith & Co. on the same house has also been returned. Some of Boulton Watt & Co.'s other connections may be affected – James Lawson is worried about his brother.*

**13.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 19 Jun. 1803.

*Sorry to hear Gregory Watt is still indisposed. If Creighton cannot get John McGeorge to settle, it should be referred to law. The house of Smith Lindsay & Co. may soon resume payment of bills. Poor trade in Manchester due to the war. Mr. Houston's order.*

**14.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 23 Jun. 1803.

*Models for the case against Matthew Murray. Need for new ones of the double engine prior to William Murdock's improvements. Murdock to make a new model immediately.*

**15.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 25 Jun. 1803.

*On the same sheet:*

*Transcript of letter. Bleasdale & Alexander (New Inn, London) to Messrs. Westons (Fenchurch St., London). 22 Jun. 1803.*

*Annexes a copy of a letter from Matthew Murray's agents making an offer. Mr. Simmon's engine at Reading has broken down. Mr. Poole might be sent.*

**16.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 27 Jun. 1803.

*Has given an estimate to the Chevalier Edelcrantz for an engine for his distillery. Request by Mr. Lockey for an estimate for an engine for a rice manufactory for Mr. Lucas of South Carolina. Need for a Boulton Watt & Co. erector to stay with Jackson & Dampier's engine. Cannot find Newman to send to Mr. Symonds. Mistakes in making Jackson & Dampier's engine – leaving the piston rod and cap black while all the other work is polished has "an indifferent appearance". Mr. Smith of the Gravesend Tunnel has paid £200.*

**17.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 27 Jun. 1803.

*Titled "No. 2."*

*The case and proofs have been delivered to their council. Error in the dating of Murray's patent – Boulton Watt & Co.'s lawyers have however repeated the error in their writ so they cannot use it and proceedings may have to recommence. Refusal of the offer made by Murray's lawyers. Refusal of a bill drawn on Anthony Warwick of Liverpool. This and problems in Manchester have determined him to go there. Leaving the explanation of the models for the case to Messrs. Westons. James Lawson has suggested that William Murdock [Jr. ?] who worked at Benjamin Gott's might have evidence against Murray. Has seen Newman. Poole will go to Reading. Pearson or Clegg can attend Messrs. Austins. Jackson & Dampier's engine works "tolerably well". Richard Dayus' brother was working on Mr. Bateman's nozzles.*

**18.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 27 Jun. 1803.

*Is going to Manchester tonight, therefore can M. R. Boulton write direct to Mr. Lockey. Has looked for other suspicious bills and has found another from A. & G. Murray drawn by Mitchel & Cantrell on Smith Lindsay & Co.*

- 19.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 30 Jun. 1803. 2 sheets.  
*Dated by James Watt Jr. as 31 Jun.*  
*Visit to P. McCandlish to secure payment – details of his finances, security etc. P. McCandlish's intention to sell his engine to Messrs. Reid Irving & Co. Other outstanding bills. Agreement with Mr. Holdsworth for payment with £1000's worth of twist which Holdsworth will sell for Boulton Watt & Co. Mr. Kennedy has gone to Glasgow to get remittances. Mr. McConnel offered a similar security to Mr. Holdsworth, but James Watt Jr. has left payment up to them in view of their past friendship to Boulton & Watt. George Murray's pledge of his engine and mill as security. Breakdown of Daintry Ryle & Co.'s engine. Things in Manchester not as bad as expected – only those with Glasgow connections are suffering. American agents are buying cotton to supply the countries at war. Lees' mill is working piece hours. Their engine is "a bad job".*
- 20.** Letter. James Watt Jr. (Macclesfield) to M. R. Boulton (Soho). 1 Jul. 1803.  
*The outside of the letter is directed to Boulton Watt & Co.*  
*Account of the damage to Daintry Ryle & Co.'s engine following the accident. Details of new parts to be made. They want to recommence work immediately.*
- 21.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 4 Jul. 1803.  
*Has been to Leeds to look into Matthew Murray's proceedings. A Mr. Heptenstall may make a useful witness. Reid Irving & Co. are delaying their answer about P. McCandlish's engine and payment for it. Ambrose Weston's "blunders" over the summoning of witnesses for the Murray case – will have to leave the business in Manchester unfinished. Mr. Lodge's engine works well, but he has many complaints against Clegg, the erector. James Watt Jr.'s plans to discharge Clegg. Current location of various erectors. The house of Surtees in Newcastle has stopped payments. Got sunstroke going to Leeds.*
- 22.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 7 Jul. 1803.  
*Arrival in London. Deferral of the trial. Arrival of witnesses Mr. Heptenstall and Mr. Dudgeon from Doncaster.*
- 23.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 8 Jul. 1803.  
*The trial is brought forward to Saturday. Meeting with Murray's solicitors. He had hardly seen Murray and had no instructions. Second meeting with the solicitor – Murray's abandoning of the case and setting aside of his patent. Will prepare a paragraph for the newspapers tomorrow – will celebrate today. Quality of the evidence from Mr. Dudgeon and Mr. Heptenstall from Doncaster. This letter was forwarded to James Watt at Heathfield.*
- 24.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 9 Jul. 1803.  
*P. McCandlish & Co.'s debts to Reid Irving & Co. Possibility of P. McCandlish being declared a bankrupt. Has sent Poole to Messrs. Austin. William Murdock will return via Reading. Plans to go to Portsmouth with Mr. Lee and James Lawson. Plans to place an advertisement in the papers.*
- 25a.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 13 Jul. 1803.  
*Enclosing (b) below.*  
*Editing of the advertisement as some papers insisted it was cut – encloses the original for M. R. Boulton's comment. Ambrose Weston is afraid of a libel action but James Watt Jr. has pointed out that this is what they want as they have all the evidence. Will be delayed in London as Reid Irving & Co. have had no answer from P. McCandlish. Report on the Navy engine.*
- b.** Memorandum. The King Against Murray. Jul. 1803  
*Text of report by James Watt Jr. and John Weston for the newspapers.*

- 26.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 15 Jul. 1803. 2 sheets.  
*Going to Wisbeach – will not concede anything to Mr. Walker. Has seen Richard Dayus about his selling hemp and tallow. He maintains Matthew Boulton and M. R. Boulton knew about it. His lease of a new house. P. McCandlish's brother has died but Reid Irving Co. cannot make any proposals until Mr. Reid returns. Reid Irving & Co. seem willing to enter an agreement for a gradual payment of Boulton Watt & Co.'s debt. Discussions with Phyn Inglis & Co. and Manning Anderdon & Co. about their engines for the West Indies. Possibility of large orders for the West Indies which may warrant extensions to the Foundry and Manufactory. Has pushed Westons to pursue Mr. Sands for payment.*
- 27.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 17 Jul. 1803.  
*Enclosing a letter from Hawker & Richards with a report of Benjamin Gott's dyer and a list of Matthew Murray's prices from Mr. Dudgeon. John Woodward has paid Dudgeon £25.*
- 28.** Letter. James Watt Jr. (Boston) to M. R. Boulton (Soho). 21 Jul. 1803.  
*Report on [Peckover & Bellamy's] engine at Wisbeach. Settlement of differences between John Brunton and John Shakespeare and Mr. Walker. Plans to discharge Shakespeare's brother. Problems of erectors overcharging. Discussion with Peckover & Bellamy about payment.*
- 29.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 27 Jul. 1803.  
*Report on Henry Coates' engine at Hull. Encloses a bill from Coates. Sale of his old engine to Scott Campbell & Co. Alterations to Pease Wray & Trigg's old engine. Sale of their present one. Progress at Hull Docks. Reports of other engines at Hull, Wakefield, Oldham, Manchester. An absurd advertisement placed in newspapers by Matthew Murray. Reid Irving & Co.'s proposals for paying Boulton Watt & Co. for P. McCandlish's engine.*
- 30.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 29 Jul. 1803. 2 sheets  
*The address and docket are on a separate wrapper. Problems of P. McCandlish's security on his engine. Their advertisement stating the facts about the case against Matthew Murray – does not feel anything more is necessary. Has seen William Murdock who is probably has in mind what M. R. Boulton conjectures he had. Leach's thieving from the Foundry. Report on Johnson's work on Pownal's engine. Gemmel's accident while working on Hope's Tenant's engine, and his poor work. Dirty state of Ashton & Cheetham's engine. Financial problems of Peter Ewart's house. Can M. R. Boulton send him memoranda on anything that needs doing in Manchester.*
- 31. Letter.** James Watt Jr. (Manchester) to M. R. Boulton (Soho). 31 Jul. 1803.  
*James Lawson got Hope's Tenants' engine working. Visit to Bolton – reports on Vickers & Tedstil's engine which had little fault with it, despite an urgent message from Mr. Tedstil, and Dixon & Co.'s engine which is working well.*
- 32.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 2 Aug. 1803. 2 sheets.  
*Enclosing a bill of exchange from A. & G. Murray. Mitchel & Cantrell's plans to pay their creditors. Expected rates of payment of bills on Smith Lindsay Smith & Co. and Dunlop Smith & Co. Peter Marsland's partners Messrs. Burnley want more time to pay for the engine. Problems with the large connecting wheel sent to Marsland. Thoughts on construction of connecting wheels – various examples. Work on Mr. Southam's, Askham Eyre's and Messrs. Pelling's engines. Can M. R. Boulton send the Hope's Tenants account. Mr. Pooley has bought Mr. Lee's 30 horse cylinder and wants his extinguishing apparatus. Requests an estimate for a 24 horse engine for Mr. Beavor.*
- 33.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 4 Aug. 1803.  
*Mr. Kenworthy and Mr. Brierley are ready for their engines. Report on Hope's Tenants' engine. Gemmel cannot account for his "blunders" during the erection. P. McCandlish's financial affairs and proposals. Declines becoming an officer in the Birmingham Volunteers, but will serve in the ranks. Approves of the subscription Lloyd's [for prisoners of war] – should one be raised in Birmingham. Has passed Mr. Moilliet and Samuel Galton's twist order to Philips Wood & Lee. Mr. Jones has sent out the execution against Schofield.*

**34.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 7 Aug. 1803.  
*Charges against Clegg, but does not discharge him due to his promised good conduct and his mother's situation. Thoughts on Clegg's character. Will take possession of P. McCandlish's engine as there is no other option. James Lawson's report on Halliday Paton & Kerr's engine house. Progress with various other Manchester engines. Poor quality of the pipes supplied by Mullins & Co. for McConnel & Kennedy's extinguishing apparatus.*

**35.** Letter. James Watt Jr. (Lancaster) to M. R. Boulton (Soho). 16 Aug. 1803. 3 sheets.  
*Is travelling to the Cark Co. in hope of procuring an order. James Lawson has gone to Carlisle. Can M. R. Boulton tell any meeting about the Volunteers that he will serve at any rank thought most useful. Detailed discussion with Mr. Irving of Irving Reid & Co. about P. McCandlish's financial affairs and proposals for payment to his creditors including Boulton Watt & Co.*

**36.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 19 Aug. 1803.  
*Titled "No. 1."  
Description of the Cark Co.'s works including their pirate engine erected by John Wilkinson. Requests estimates for 36 and 40 horse engines. The Cark Co. know they cannot compete with "the Manchester people" so want to make what savings they can. Errors in Mr. Kenworthy's flywheel shaft.*

**37a.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 19 Aug. 1803.  
*Titled "No. 2." Enclosing (b) below.  
Meetings of P. McCandlish's creditors. Proposal that Reid Irving & Co. should take on the concern. James Watt Jr. wants to know more about the affairs of Reid Irving & Co. first. Enclosing a statement of McCandlish's affairs. Has received a bill from Marriott & Robinson. Gregory Watt has recovered – Scottish accounts should be sent to him.*

**b.** Account. Balance Sheet of Messrs. McCandlish. Aug. 1803.  
*Delivered to James Watt Jr. by McCandlish.*

**38.** Letter. James Watt Jr. (Manchester) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 20 Aug. 1803.  
*This letter was forwarded to Gregory Watt in Aberdeen.  
He and James Lawson have been dealing with affairs in Manchester for the past 6 weeks. Hopes the only bad debt will be that of McCandlish & Co. Details of the proceedings and Reid Irving & Co.'s proposals. Gregory Watt should endeavour to collect debts in Scotland as funds are low. Manchester has only suffered through its connections with Glasgow. Cannot leave Manchester until James Lawson returns.*

**39.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 20 Aug. 1803.  
*Fray Hole & Potter are still deciding about the size of their engine. Walter Peter's debt. Enclosing a bill of exchange from Marriott & Robinson. Consultation with Mr. Jones about Kenton Colliery's debt. M. R. Boulton should send Scottish accounts to Gregory Watt. Feels they can decline Robert Fulton's order. Mr. Jones' pursuit of Schofield's debt. Work of various engine erectors.*

**40.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 25 Aug. 1803.  
*Arrangements with Reid Irving & Co. for payment of McCandlish & Co.'s debt to Boulton Watt & Co. Shafts for Mr. Kenworthy and Mr. Brierley. Fray Hole & Potter want a 4 horse engine. Hope's Tenants' arrangements for payment. Changes made to Butterworth's pumps. Mr. Wroe has not countermanded his engine but wants delivery suspended until March.*

**41.** Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 27 Aug. 1803.

*On the same sheet:*

Transcript of letter. Walter Peters (—) to Boulton Watt & Co. [Soho].

Transcript of letter. Adkinson Hopwood & Brent (Hope's tenants) to Boulton Watt & Co. [Soho].

Memorandum. Re. William Chapman & Co. acting for Boulton Watt & Co. over the Kenton Colliery debt.

*Walter Peter's settlement of his account. Hope's Tenants' arrangements to pay. Dixon Greenhalgh & Co. have promised a bill. T. Holland & Co.'s payment will be got in a few days. Has not seen Pollard, Daniel Lees or Barrow Lees & Co. Phillips Wood & Lee and Greg & Ewart have said nothing about their accounts. Has no news of James Lawson. Visited Mr. Kenworthy at Ashton.*

**42.** Letter. James Watt Jr. (Manchester) to Gregory Watt (—). 27 Aug. 1803.

*Wants Gregory Watt to settle the account of John McGeorge. Enclosing a bill of exchange for Gregory Watt to get discounted. Sword & Co.'s debt – may have to have recourse to law. Plans to leave Manchester for Stoke.*

**43.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow).

30 Aug. 1803.

*On the same sheet:*

Transcript of letter. John Pattison & Co. (Glasgow) to Boulton Watt & Co. [Soho]. 24 Aug. 1803.

Transcript of letter. Boulton Watt & Co. (Soho) to John Pattison & Co. (Glasgow). 30 Aug. 1803.

*Annexing copies of correspondence with John Pattison concerning a bill of John Monteith's. Monteith has no claim upon Boulton Watt & Co. and if they have to pay the bill, they shall claim money from him.*

**44.** Letter. Boulton Watt & Co. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow).

5 Sep. 1803.

*In James Watt Jr.'s hand. On the same sheet:*

Transcript of letter. James Turnbull for James & Robert Watson (Glasgow) to Boulton Watt & Co. [Soho]. 1 Sep. 1803.

Transcript of letter. Boulton Watt & Co. (Soho) to James & Robert Watson (Glasgow). 5 Sep. 1803.

*Annexing correspondence with J. & R. Watson concerning John Monteith's bill. If Gregory Watt has to pay Watsons', he should recover the money from Monteith with recourse to law if necessary. Monteith's delays in paying for his engine and his bad bills.*

**45a.** Letter. Boulton Watt & Co. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow).

8 Sep. 1803.

*Enclosing (b) and (c) below. In James Watt Jr.'s hand. On the same sheet:*

Transcript of letter. John Pattison & Co. (Glasgow) to Boulton Watt & Co. [Soho]. 3 Sep. 1803.

*Annexing a copy of a letter from John Pattison & Co. concerning John Monteith's bill and enclosing a letter to Monteith. Monteith's "maneuvering". Gregory Watt is to proceed as he sees fit. Have received the remittance from the Perth Foundry Co. Want details from Creighton about the Perth eccentric wheel. Brown Chalmers & Co. have remitted for the men's time and ordered a boiler. James Watt Jr. has seen Gregory Watt's arrangements with Sword & Co. & Messrs. Stirling. Hope he will be able to settle the outstanding claims in the North. Have never applied an engine to a sawmill but have sent out several estimates in the past.*

**b.** Letter. Boulton Watt & Co. (Soho) to John Pattison & Co. (Glasgow). 8 Sep. 1803.

**c.** Draft of letter. Boulton Watt & Co. [Soho] to John Monteith (—). Not dated.

*This draft is not mentioned in the above letter but appears to have been enclosed in it.*

- 46.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow).  
10 Sep. 1803.  
*Gregory Watt's settlement with Sword & Co. From the number of engineers starting up and poor trade, is it worth continuing the "establishment"? Creighton and his assistants can leave after finishing Wilson and Stirling's engines. Despatch of engines for Sir John Hope and Mr. Houston. Can Gregory Watt inspect progress with Gilbert Meason's engine house. No need to visit Richard Jackson's engine house at Carlisle.*
- 47.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow).  
13 Sep. 1803. 2 sheets.  
*Accounts at Newcastle – Mr. Dudgeon's payment of engine erectors Michael Wheatley and George Taylor. Wheatley's leaving Dudgeon and going to the Tyne Iron Co. without being dismissed by Boulton Watt & Co. Higher wages and entering into an agreement might induce Wheatley back. George Taylor is at Hull erecting engines for Coates & Co. and Pease Wray & Trigg. Need details of his accounts. Progress with Dudgeon's engine. When at Newcastle James Lawson detected Dudgeon making engines, but they have done nothing as he has helped Boulton Watt & Co. in the past, particularly in the Matthew Murray trial. Financial affairs of the Kenton Colliery and the creditors' proposals for payment of debts. Financial problems of firms connected with Surtees – the Tyne Iron Co. and Easterly Hall & Co. Ropes ordered from Grimshaw & Co. Report that Wheatley had combined with the millwrights to prolong the erection of Ellerby & Ransom's engine.*
- 48.** Letter. James Watt Jr. for Boulton Watt & Co. (Soho) to Gregory Watt (care of Gilbert Hamilton, Glasgow). 14 Sep. 1803.  
*Problems of hardtwisted ropes on the Foundry crane pullies. Have sold the 56 horse engine intended for the Tyne Iron Co. to the Dowlais Co. Sir John Hope's engine is not due until next month. James Lawson and Creighton's criticisms of Henry Vivian. Can Gregory Watt call on John Barker of Leadhills to see if he is going to order the engine he has had an estimate of. Sorry to hear his cough has returned. He should spend winter in Cornwall or Devon. Creighton should go with him to Newcastle as an assistant.*
- 49.** Letter. James Watt Jr. (Soho) to Gregory Watt (at Mr. Wormald's?). 1 Oct. 1803.  
*The final part of this letter including the address has been cut away. Lack of cash in Newcastle – fortunately Boulton Watt & Co.'s claims there are trifling. James Lawson has gone to Peckover & Bellamy's engine at Wisbeach, therefore they have sent William Murdock to Manchester to sort out difficulties there – Gregory Watt may call on him. John Holme's complaints about his extinguishing apparatus, and "bad job" of Hope's Tenants' engine, both of which were done by Gemmel. If Gregory Watt goes to Manchester, can he sign the deed of release for McCandlish's estate. John Irving, who says he knows Gregory Watt from the Continent, is there.*
- 50.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Philips Wood & Lee, Manchester).  
11 Oct. 1803.  
*The only business at Manchester is McCandlish's affairs. Will write to Gregory Watt at Stoke concerning Josiah Spode's engine.*
- 51.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Robert Hamilton, Stoke).  
12 Oct. 1803. 2 sheets.  
*On the second sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to Josiah Spode. 6 Oct. 1803.  
Transcript of letter. Josiah Spode (Wolseley Bridge) to Boulton Watt & Co. 9 Oct. 1803.  
*Account of the problems of Josiah Spode's engine. Subsequent problems of connecting the engine to the mill. Further problems due to Spode's managers trying to alter it. Suggestions for connecting the engine to the mill. Annexing copies of correspondence with Spode. William Heath, agent to Spode and Fenton Park Colliery, is an advocate of Richard Trevithick's engines. He is probably trying to get Spode to buy a Trevithick engine and is therefore probably the cause of the problems with Spode's engines. Trevithick's piracy of the engine William Murdock made in Cornwall in 1785 or 1786. Extreme danger of using high pressure steam – the Greenwich explosion justifies Boulton Watt & Co.'s not employing it. Suggested improvements to Spode's engine.*

**52.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Robert Hamilton, Stoke).  
13 Oct. 1803.

*On the same sheet:*

Memorandum and sketch. Mr. Spode's Great Bevil Wheel. By John Southern.

Memorandum. Explosion of the Trevithick engine at Greenwich.

*Annexing details of the bevil wheels for Josiah Spode's engines. If he sees any of the Fenton Park proprietors, can he urge the settling of their account. Annexing Richard Dayus' account of the explosion of one of Richard Trevithick's engines.*

**53.** Letter. James Watt Jr. (Soho) to Gregory Watt (care of Robert Hamilton, Stoke).  
15 Oct. 1803.

*Have told Josiah Spode that they will erect the machinery for disconnecting the millwork, that Gregory Watt will take measurements of the Bevil wheel and an erector will be sent.*

**54.** Letter. James Watt Jr. (Wotton-under-Edge) to M. R. Boulton (Soho). 1 Nov. 1803.

*Sending the key to James Lawson's writing desk [so that M. R. Boulton can find bills from Murray]. Visits to Mr. Purnell's works at Froombridge and Framilode in preparation for his engine. Report on and repairs to Mr. Austen's engine at Wotton-under-Edge. Intends to go to Hawker & Richards.*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 206**

**3/53 Letters to M R Boulton, 1804 (7 items)**

1. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 3 Feb. 1804.  
*Docketed "Enclosing a letter from Gregg & Ewart. The receipt of their remittance acknowledged by him and the amount paid into the hands of M. & R. Boulton J. & G. Watt & Co. Proposed answer from the London firm to Messrs. Hart & Son suppressed upon the consideration of the inexpediency of their proposal."*

2. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 5 Feb. 1804.  
*Docketed "Extracts from books of M. & R. Boulton J. & G. Watt & Co. Parts of general expenses etc. Wishes for our sentiments as to Woodward's extra allowance for house rent etc. Copper boilers ordered by Puller & Son."*

3. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 11 Feb. 1804.  
*Docketed "Enclosing Mr. Miller's recommendation of Mr. Finlayson as a clerk. Difficulty in getting power of attorney to Sir R. Smith & Co. completed. Particulars of Mr. Turner's order. Capt. Huddart's perplexities and desire of having evidence from Soho. Wishes not to see Phyn Inglis & Co. Mr. Villiers countermands his order. Progress at Chelsea. Disgrace of the explosive engines. D. Watson's losses. Weston's have got payment of £900 from Sands."*

4a. Letter. James Watt Jr. (Soho) to John Southern (102 Hatton Garden, London).  
29 Apr. 1804.

*Kept with (b) and (c) below. On the same sheet:*

Account. John Gillespie in account with Boulton Watt & Co. 12 Apr.—31 Dec. 1803.

*Docketed "With statement of Gillespie's account and particulars for Mr. Southern's government in advancing him the money he wants to borrow."*

**b & c.** Two sheets of notes in Southern's hand on Gillespie's work for Boulton Watt & Co., his expenses, wages etc.

5. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 5 May 1804.  
*Docketed "His stay in Town will be prolonged. West India Dock Co. seem resolved to adopt Bramah's scheme. Intends calling on Mr. Smith respecting Gravesend account."*

6. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 7 May 1804.

*On the same sheet:*

Transcript of estimate for Watson Ainsworth & Co. by James Watt Jr. for Boulton Watt & Co. (London). 7 May 1804.

*Docketed "Copy of estimate delivered to Mr. Watson of Preston. Application from Mr. Campbell, a Jamaica gentleman. Wants to be informed of the result of Mr. Southern's mission to Wisbeach."*

7. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 21 Sep. 1804.

*Docketed "Report of progress made in the erection of the East India Dock engines. New agreement with Shakespear. Departure for Sidmouth."*

**3/54 Letters to M R Boulton, 1805 (9 items)**

1. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 21 May 1805.  
*Docketed "Respecting Eginton's affairs."*

2. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 22 May 1805.  
*On the same sheet:*  
 Transcript of extract of letter. Samuel Wyatt (Surrey Place, Strand, London) to Mrs. — Eginton (—). 1 May 1805.  
*Docketed "Eginton's affairs. Bond of £500 from Hodges."*
3. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 27 May 1805.  
*Docketed "Shakespear's return to London. Repairs of W. Smith & Co.'s boiler. Remittance from Tredegar. Order from Hadden & Son. Departure of Mr. and Mrs. Ewart."*
4. Letter. James Watt Jr. (Ayr) to M. R. Boulton (Soho). 4 Aug. 1805.  
*Docketed "Account of our connections at Belfast and neighbourhood. Report of the state of the different engines. Houston & Stephenson leave it with us to send either a 30 or 32 horse engine. Promise of remittance for the balance of our account from Col. Ward. Complaints against Jee's charges. Favourable opinion of Murdock's boys – intentions in disposing of them. Further progress of their tour."*
5. Letter. James Watt Jr. (Glasgow) to M. R. Boulton (Soho). 17 Aug. 1805.  
*Re-directed to M. R. Boulton at the Post Office, Stafford. Docketed "Reference to his letter to Mr. Watt for account of their journey. Report of the state of Mr. Cunningham's, Mr. Houston's and Mr. Gibb's engines. Propose visiting Wilsontown, Edinburgh etc. Murdock coincides with our opinion as to the removal of the engine house at Fort William. Competition in the new lights started. Trade reviving at Glasgow."*
6. Letter. James Watt Jr. (Glasgow) to M. R. Boulton (Soho). 25 Aug. 1805.  
*Docketed "Journey with Murdock to Edinburgh. Report of the engines at Carron, Geddes' and Leith. Confirmation of Mr. Wilson's order for the 48 inch blowing engine. Account of the concern. Mr. Core from home. Thomson not arrived. Gourrock Co. impatient to get a hand. Proposes Johnson. Rennie at Edinburgh. Blackburn Co. understand our drawings."*
7. Letter. James Watt Jr. (Edinburgh) to M. R. Boulton (Soho). 30 Aug. 1805. 3 sheets.  
*Docketed "Report upon the situation and employment of the 6 horse engine ordered by G. Grieve. Estimate of a pump. Engine wanted by Grieve – intends erecting a saw mill and will want a 10 horse engine for it. Particulars of a Trevithick engine. Report upon Thomson's misconduct and situation. Arrangement made with him. Proposes placing Johnson at Glasgow permanently. Report upon sundry engines. Young man proposed by A. Lawson as a clerk too inexperienced."*
8. Letter. James Watt Jr. (Glasgow) to M. R. Boulton (Soho). 3 Sep. 1805.  
*On the same sheet:*  
 Letter. William Kelly (Glasgow) to James Watt Jr. [Glasgow]. 3 Sep. 1805.  
*Docketed "Order and particulars of nozzle covers wanted by Hussey & Co. Annexes a letter from Mr. Kelly."*
9. Letter. James Watt Jr. (Low Wood Inn) to M. R. Boulton (Soho). 9 Sep. 1805.  
*Docketed "Tuffen laid up with the gout in company with Mr. Chippendale. Bad weather since his arrival. Prospect of an alleviation and intention of beginning their researches in the county. Report of the Carlisle engine. Receipt of £50 from Hussey. Bad conduct of Thomson – his rascality equal to his folly. Memorandum to Murdock respecting the Gourrock engine wall opening boxes. Will leave directions to have his letters forwarded."*

**3/55 Letters to M R Boulton, 1806**

**(9 items)**

1. Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 11 Jan. 1806.  
*Mis-dated by James Watt Jr. as 1805.*  
*Docketed "Brown & Parry's materials in part arrived – difficulties in landing them. Payment of £1000 made by them. Arrangements for the erection of the engine."*

2. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 18 Feb. 1806.  
*Docketed "Directions to Mr. Hurt to complete the charge for Mr. Lee's lighting apparatus – report of the effects of it etc. Proposed destination of engine erectors at Manchester. Mr. Clegg's circumstances reported not to be good."*
3. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 21 Feb. 1806.  
*Docketed "Particulars of the piston rods wanted by Mr. Lee. Defects of Wedgwood's engine rectified to their satisfaction. Wedgwood coming over to Soho to order a new one. Report of the experiments upon Mr. Lee's lighting apparatus. Order for them in contemplation. Order of engine by S. Bridge confirmed. Wants the schedule of materials. Mr. Clegg failed in his appointment. Arrangements and occupation of the engine erectors at Manchester."*
4. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 26 Feb. 1806.  
*Docketed "Encloses a bill from P. Marsland. Mr. Murdock about to return and will bring sketches of S. Bridge's house etc. Cost of a box of pomatum wanted by S. Bridge. Particulars of Mr. J. Kennedy's engine. Proposed orders for photogenous apparatus. Promises to communicate further particulars of the apparatus at Mr. Lee's."*
5. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 3 Mar. 1806.  
*Docketed "Particulars of Messrs. McConnel & Co. wanted. Destination of William Murdock Jr. Lodge of Halifax has got a photogenous apparatus from Clegg. Thinks his account should be sent in."*
6. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho).  
"Saturday Morning" [8 Mar. 1806].  
*Docketed "Fracture of Messrs. Watson & Co.'s connecting wheels."*
7. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 8 Mar. 1806.  
*Docketed "Reference to his letter respecting the fracture of Watson & Co.'s connecting wheels. Investigation of the state of Shaw's bond, debt and proceedings adopted in that matter. Mr. Bateman of the Mold Twist Compy. does not desire further explanation of their account. Orders for photogenous apparatus from Mr. Douglas."*
8. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 12 Mar. 1806. 2 sheets.  
*Docketed "Bury's embarrassments – arrangements with him for the liquidation of his debt. Has given directions for Brierley's securities to be called upon. State of Mr. Clegg's affairs. Report upon the condition of the engines at Stockport and Macclesfield. Report upon the steam drying and heating apparatus of Messrs. Daintry & Co. Defects of the syphon balls. Gibson to be sent to them. Their order for a lighting apparatus. Henry Creighton indisposed. Wants to know the difference of cost between iron connecting wheels and those prepared for wooden teeth."*
9. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 14 Mar. 1806.  
*Docketed "Remittance from McConnel & Kennedy. Application for ditto to Pooley. Refusal to take a bill at 6 months. Causes of the delay in forwarding Watson & Co.'s Proposals for instructing Hutton in making drawings of photogenous apparatus."*

**3/56 Letters to M R Boulton, 1807**

**(4 items)**

1. Letter. James Watt Jr. (Stamford St.) to M. R. Boulton (Soho). 28 Jan. 1807.  
*Docketed "Outline of their intended route. Sentiments upon Bury's proposition. Desires to have a statement of Brown & Parry's account."*
2. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 4 Feb. 1807.  
*Docketed "Information of the responsibility of the persons upon whom the Houldsworth's bills are to be drawn. Advises the acceptancy of their payment. Report upon their visit to Portsmouth. Settlement with Brown & Parry, and William Wright. Probability of their going to Maidstone and Battle. Engine of Mr. Harvey consuming more coals than it should."*

3. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 26 Feb. 1807.

*On the same sheet:*

Memorandum on Mr. Gibbons' account. 25 Feb. 1807.

*Docketed "Sentiments upon Mr. Gibbons' proposed extension of his account with the London firm. Woodward's explanation of the nature of the transaction and emolument derived from it. Report upon their visit to Chatham. Mr. Balston's engine and experimental apparatus. Mr. Harvey's engine – performance thereof."*

4. Letter. James Watt Jr. (London St.) to M. R. Boulton (Soho). 27 Feb. 1807.

*Docketed "Disposed to accede to Pooley's proposal. Thinks Bury's objection to our proposal unreasonable. Further opinion on Gibbons' proposal. Report of the performance of Millward's engine. Estimates given to sundries. Has communicated our opinion of Smallman to Mr. de Tastet, who wishes to have the substance of it in a letter."*

**3/57 Letters to M R Boulton, Boulton Watt & Co., 1808**

**(5 items)**

1. Letter. James Watt Jr. (Newcastle) to Boulton Watt & Co. (Soho). 19 Sep. 1808.

*Docketed "Messrs. Walker & Co. determine upon the socket nozzles and desire they may be proceeded with immediately. Gavin, or some other equally good hand to be appointed to the job."*

2. Letter. James Watt Jr. (Manchester) to Boulton Watt & Co. (Soho). 20 Sep. 1808.

*Docketed "Has seen Messrs. Birley & Co. who are anxious to receive the drawings of their gasometer. Mr. James Kennedy has built a pit for his gasometer – not necessary to send him an estimate. Mr. Rennie there making a plan of the water works. Most of the mills at Manchester at half work."*

3. Letter. James Watt Jr. (Carlisle) to Boulton Watt & Co. (Soho). 29 Sep. 1808.

*Docketed "Has received payment of £18.6 from Rothwell & Co. who are satisfied with their engine. Particulars respecting the accident which happened to the Carlisle Twist Co. engine. Expects to be at Ayr in two days. Has received three letters from Soho at Cark."*

4. Letter. James Watt Jr. (Edinburgh) to M. R. Boulton (Soho). 8 Nov. 1808. 2 sheets.

*Docketed "Report of the state of the engines in Glasgow and vicinity. Remarks in regard to the construction and arrangement of some of the parts."*

5. Letter. James Watt Jr. (Edinburgh) to M. R. Boulton (Soho). 16 Nov. 1808. 2 sheets.

*Docketed "Continuation of the report respecting the state of the Scotch engines."*

**3/58 Letters to M R Boulton, 1809**

**(3 items)**

1. Letter. James Watt Jr. (Soho) to M. R. Boulton (15 Bond St., Bath). 10 Mar. 1809.

*On the same sheet:* Account. The Somersetshire Coal Canal Lock Fund Co. debtors to Boulton Watt & Co. 1807.

*The account is in James Pearson's hand.*

*Docketed "Somerset Coal Canal Co. account and explanations relative to their claims of an allowance for sundries."*

2. Letter. James Watt Jr. (Soho) to M. R. Boulton (Bath). 11 Mar. 1809.

*The docket is on a separate sheet. On the same sheet:*

Account. The Somersetshire Coal Canal Lock Fund Co. debtors to Boulton Watt & Co. 1805—1807.

*The account is in James Pearson's hand. Docketed "Detailed statement of the Somersetshire Coal Canal Co.'s account with explanation relative thereto."*

3. Letter. James Watt Jr. (Soho) to M. R. Boulton (13 London St.). 14 Jul. 1809.

*Re-directed to M. R. Boulton at Soho. Docketed "Enclosing letter to Bough."*

**3/59 Letters to John Southern, 1789-1799****(19 items)**

1. Card cover.

*Marked "Mr. Watt Jr. 1791—1800." The Library added "1789; 1790".*

2. Letter. James Watt Jr. (Manchester) to John Southern (Birmingham). 17 Aug. 1789.

*Enquiring about an engine for Joseph Baker & Co.'s bleaching works.*

3. Letter. James Watt Jr. (Manchester) to Boulton & Watt (Birmingham). 13 Sep. 1790.

*Docketed "John & Samuel Simpson, Mr. Watt Jr.", as James Watt Jr. was enquiring about an engine on the Simpsons' behalf. With sketches of the layout and situation of the Simpsons' premises.*

4. Letter. James Watt Jr. (Manchester) to Boulton & Watt (Birmingham). 25 Sep. 1790.

*Docketed "John & Samuel Simpson, Mr. Watt Jr.", as James Watt Jr. was enquiring about an engine on the Simpsons' behalf.*

5. Letter. James Watt Jr. (Manchester) to John Southern (Soho). 14 Apr. 1791.

*Docketed "Price – coals."*

6. Letter. James Watt Jr. (Manchester) to John Southern (Soho). 11 Aug. 1791.

*Docketed "Seedhouse."*

7. Letter. James Watt Jr. (London) to John Southern (—). 29 Jan. 1795.

8. Letter. James Watt Jr. (London) to John Southern (Soho). 7 Feb. 1795.

*Marked "Rec<sup>d</sup>. 10<sup>th</sup> at night."*

9. Letter. James Watt Jr. (London) to John Southern (—). 16 Feb. 1795.

10. Letter. James Watt Jr. (London) to John Southern (Soho). Not dated [9 Jan. 1796].

*Southern has marked the letter "London suppose 9 Jany. 96 J. S."*

11. Letter. James Watt Jr. (Leeds) to John Southern (Soho). 26 Jan. 1796.

*On the same sheet:*

*Sketches. Plan and sections of Gowland Clarke & Co.'s engine house.*

12. Letter. James Watt Jr. (London) to John Southern (Soho). 17 May 1796.

13. Letter. James Watt Jr. (London) to John Southern (—). 24 May 1796.

14. Letter. James Watt Jr. (London) to John Southern (Soho). 26 May 1796.

15. Letter. James Watt Jr. (London) to John Southern (Soho). 30 May 1796.

16. Letter. James Watt Jr. (Newcastle) to John Southern (Soho). 26 Jun. 1798.

*Docketed "Several enquiries about engines for Mr. Johnson."*

17a. Letter. James Watt Jr. (Walker) to John Southern (Soho). 11 Jul. 1798.

*Enclosing (b) below.*

b. Memorandum & Sketch. Present method of working the King Pit at Walker.

*Working and braking mechanisms described by Thomas Barnes. Docketed as 8 Jul.*

18. Letter. James Watt Jr. (London) to John Southern (Soho). 19 Jan. 1799.

*Docketed "With Sutton Keen & Smith's agreement. Price has given satisfaction at Shadwell. Estimate given to Benfield. Dodd has sent no answer to his estimates."*

19. Letter. James Watt Jr. (London) to John Southern (Soho). 24 Apr. 1799

*Docketed "About Wilkes' estimate. Simonds' engine to have circular valves."*

**3/60 Letters to John Southern, 1801-1811****(45 items)**

1. Card cover.

*Marked "Mr. Watt 1801 to 1811."*

2. Letter. James Watt Jr. (Carron) to Boulton Watt & Co. (Soho). 19 Aug. 1801.

*Docketed by John Southern.*

*Docketed "Situation of Carron engine. Will have an iron beam."*

3. Letter. James Watt Jr. (London) to John Southern (—). 20 Jan. 1802.

*Docketed "Dock beam to be sent by land even at 10/- per cwt."*

4. Letter. James Watt Jr. (London) to John Southern (—). 24 Nov. 1802. 2 sheets.

*This letter has been removed from a scrapbook.*

*Docketed "Upon the present construction of the water works at Chelsea and the quantity of water raised by the water wheels and engines. Plans of the company respecting the proposed new engine and quantity of water wanted to be raised by it. Visit with Mr. Simpson to Shadwell double engine. Method to be devised of preventing bangs in case a single engine without a regulating fly is adopted."*

5. Letter. James Watt Jr. (London) to John Southern (Soho). 1 Dec. 1802.

*Docketed "Further explanations relative to the Chelsea Water Works."*

6. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 5 Aug. 1803.

*Docketed by Southern.*

*Gregg & Co.'s engine. Advantages of iron teeth over wooden teeth on wheel rims in various engines, in relation to a new part for Marsland's engine. Lawson's visit to Stockport.*

7. Letter. James Watt Jr. (Manchester) to John Southern (Soho). 21 Aug. 1803.

*Docketed "Pooley's extinguishing apparatus &c."*

8. Letter. James Watt Jr. (Bewdley) to John Southern (Soho). 10 Aug. 1804.

*Docketed "Desiring order to be given out for single engine on speculation. Also order for new cupola blowing cylinder at Soho Foundry."*

9. Letter. James Watt Jr. (Manchester) to John Southern (Soho). 1 Mar. 1806.

*The docket is on a separate wrapper.*

*Docketed "Relative to Mr. J. Kennedy's engine. Mr. Lee's photogenous apparatus."*

10. Letter. James Watt Jr. (Manchester) to M. R. Boulton (Soho). 4 Mar. 1806.

*Docketed by Southern. Passed by M. R. Boulton to Southern and William Creighton.*

*Docketed "Order for Houldsworth pipe, Buchan & Shaw wheel. Wants estimate of heating pipes for Mr. Clegg."*

11. Memorandum. Orders for Holme & Co. and S. Bridge. 25 Mar. 1806.

*In James Watt Jr.'s hand. Docketed by Southern.*

*Sent by James Watt Jr. to M. R. Boulton at Soho, who presumably passed it to Southern..*

*Docketed "Watt, Mr. J. Holme & Co. order a 20 horse cylinder. Bridge, S. to have a spare air pump bucket."*

12. Letter. James Watt Jr. (London) to John Southern (—). 22 Apr. 1806.

*Docketed "Mr. Chapman (not Rennie) is engineer to the Ipswich engine."*

13. Letter. James Watt Jr. (London) to John Southern (Soho). 23 Apr. 1806.

*Docketed "Messrs. Mann & Barnard have favourable characters. He wishes drawings of 14 horse engine with 20 horse boiler. Instructions to Gibson when he goes to Tredegar."*

14. Letter. James Watt Jr. (London) to John Southern (Soho). 29 Apr. 1806.

*Docketed "Wants weight of cast iron and wrought iron of a great Cornish engine."*

- 15.** Memorandum. Orders for Wormald Gott & Wormald, H. Birley & Co. and Cathcart Dempster. Soho, 9 Dec. 1808.  
*Passed by James Watt Jr. to John Southern.*  
*Docketed "J. Watt Jr. Order for lighting apparatus from Wormald Gott & Co. Order of a third retort for Birley & Co. Order of aprons for sliding valves from C. Dempster."*
- 16.** Letter. James Watt Jr. (London) to John Southern (Soho). 12 May 1809.  
*Forwarded to James Watt at Heathfield, who returned it to Southern.*  
*Docketed "Gas light."*
- 17.** Letter. James Watt Jr. (London) to John Southern (Soho). 19 Jul. 1810.  
*Docketed "Mr. Simms will not want his engine til next Spring. Reed wishes to exchange his order for a larger. Will meet Mr. Lumley tomorrow. Stone Pipe Co. not likely to loose Pool. New River Head will want a new engine. H. Meux's drawings wanted. Easterby Hall & Co.'s proposals. North Fleet likely to go on. Lushington order an 8 horse engine. He wants the estimates lately sent to these gentlemen."*
- 18.** Letter. James Watt Jr. (London) to John Southern (Soho). 26 Jul. 1810. 2 sheets.  
*Docketed "York Buildings to be 48 inch and 2 21 inch pumps and two boilers full size. Grand Junction Water Works to be 54 inch cylinder and 28 inch pumps, 3 boilers. Kent Water Works have removed their works. Leader & Co. Chelsea Water Works. Mr. Turner – Neilson & Co."*
- 19.** Letter. James Watt Jr. (London) to John Southern (Soho). 29 Aug. 1810. 2 sheets.  
*Docketed "Gardener Howard & Co. – particulars of their wants. Garford – many complaints about his engine etc. Leader & Co. have not received their boilers."*
- 20.** Letter. James Watt Jr. (London) to John Southern (Soho). 30 Aug. 1810.  
*Docketed "Mr. Rennie's determination about the heights of the Grand Junction Water Works engine. Some hypotheses about the difference of levels of the West Middlesex Water Works. Mr. Rennie wants copy of memorandums about York Buildings."*
- 21a.** Letter. James Watt Jr. (London) to John Southern (Soho). 3 Sep. 1810. 2 sheets.  
*Enclosing (b) below. On the first sheet:*  
Sketches of proposed engine house and shaft for Gardner & Co. 1 Sep. 1810.  
*Docketed "Order 14 horse engine for Gardner Howard & Co. Sketch of their premises and dimensions of fly shaft. Order nozzles for the same gentlemen for their old engine. Sketch of flanches and pipes. Machinery at Guiting is going wrong and Mr. Rennie desires Mr. Murdock to meet him there."*
- b.** Sketch. Gardner & Howard's nozzles. 1 Sep. 1810.
- 22.** Letter. James Watt Jr. (London) to John Southern (Soho). 5 Sep. 1810. 2 sheets.  
*Docketed "Stays a week longer. Mr. Rennie expects Mr. Murdock to meet him at Guiting, and will thence come to Soho about York Buildings. West Middlesex Water Works – new levels have been taken which show the error of the former ones. Varley or Robert McMurdo to be ready to be sent to put Covent Garden apparatus up. Lambeth Water Works will have an engine with a flywheel."*
- 23.** Letter. James Watt Jr. (London) to John Southern (Soho). 8 Sep. 1810.  
*Docketed "Commissioners of York Buildings may oppose the shutting off view of Thames. Expects to purchase Aldridge's engine for Vauxhall Bridge."*
- 24.** Letter. James Watt Jr. (London) to John Southern (Soho). 10 Sep. 1810.  
*Docketed "Desiring that Varley may be sent to Covent Garden. Buller & Co. want an account of the Cadiz engine lately sent."*
- 25.** Letter. James Watt Jr. (London) to John Southern (Soho). 28 Jan. 1811.  
*Docketed "Churchill. Braunston. Pooley. Rennie."*

- 26.** Letter. James Watt Jr. (London) to John Southern (Soho). 30 Jan. 1811.  
*Docketed "Arrangement of Vauxhall and Mr. King's 6 horse engine. Wants copy of Manchester Water Works and Howth Harbour accounts. Manchester mine engine promised in Sep. or Oct. Buller – Covachick. Lambeth Water Works. Chelsea. Paddington. York Buildings. West Middlesex."*
- 27.** Letter. James Watt Jr. (London) to John Southern (Soho). 4 Feb. 1811.  
*Docketed "Some account of Mr. Pooley Jr. J. Bury in suspicious circumstances. Mr. Hutton to have copy of account sent to Garden & Sons. To go to Kent Water Works on Wednesday with Mr. Rennie. Affidavits of Pattison & Co. and Dalrymple's debts sent off."*
- 28.** Letter. James Watt Jr. (London) to John Southern (Soho). 5 Feb. 1811.  
*Docketed "Sketches [within the text] and suggestions relative to Lambeth Water Works. They will have a copper boiler to their new engine."*
- 29.** Letter. James Watt Jr. (London) to John Southern (Soho). 8 Feb. 1811.  
*Docketed "Detain Messrs. Gardner & Sons' 2<sup>nd</sup> boiler. State of Kent Water Works. State of York Buildings and size of their well-pipe. Desires Woolwich Water Works account. Hoddinot. State that W. Brown found it in. Proposes reform in the joint of the 6 horse engine. Hoddinot orders a box of cement."*
- 30.** Letter. James Watt Jr. (London) to John Southern (Soho). 9 Feb. 1811.  
*Docketed "Huddart & Co. far advanced with their erection. Garford's a good job – quantity of apparatus supplied. Emptying pipes encrusted with salt. Henry Meux & Co. have raised their engine and boiler above 3 feet. Covent Garden Theatre heating apparatus gives entire satisfaction. Consumption of coals and cinders. Lord Lonsdale's apparatus to be sent off beginning of July. Has written to Mr. Hill about the second engine for Manchester Water Works."*
- 31.** Letter. James Watt Jr. (London) to John Southern (Soho). 11 Feb. 1811.  
*Docketed "Wishes James McMurdo to wait his return. Meux Reid & Co. likely to take engine intended for Wright & Co. at Swansea. Leader & Co.'s goods nearly all in their places – wrong wheels sent for the governor. Angle of boiler steam pipe wrong. Their 6 horse engine leaks. West Middlesex agents discharged by the new directors."*
- 32.** Letter. James Watt Jr. (London) to John Southern (Soho). 16 Feb. 1811.  
*Docketed "Garford's mill burnt down. Reid's house built and he is anxious to begin the erection. Simms wish their engine soon. An estimate is given to a Mr. Shakespear. Gardner & Howard's house is nearly ready. Mr. Batley's engine gives satisfaction – some trifling accidents have happened to it. Work done by it. Mr. Millington expects not to be finally lost to the West Middlesex Co."*
- 33.** Letter. James Watt Jr. (Manchester) to John Southern (Soho). 12 Mar. 1811.  
*Docketed "Desires Mr. Pooley's engine may be sent off. Orders a pump for Mr. Hamilton."*
- 34.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 8 Jun. 1811.  
*Docketed "Easterby Hall & Co. Mr. Johnson. Grand Junction Water Works. Chelsea Water Works. York Buildings."*
- 35.** Letter. James Watt Jr. (London) to John Southern (Soho). 11 Jun. 1811.  
*The outside of the letter is addressed to Boulton Watt & Co.  
Docketed "Requests explanations of Mr. Reid's governor wheels, eccentric etc. etc. Sims. Huddart & Co. Garford & Co. Kent Water Works. Mr. Taylor. West Middlesex. Christie & Catherow. Hudson Bay Co. Chelsea Water Works. Idle & Co."*

**36.** Letter. James Watt Jr. (London) to John Southern (Soho). 12 Jun. 1811.  
*The outside of the letter is addressed to Boulton Watt & Co. and marked "Mr. Creighton will open this in case Mr. Southern should be absent."*  
*Docketed "Lambeth Water Works. Mr. Johnson. Hudson Bay Co. ship sails on 15<sup>th</sup> and desires drawings to be sent. Their nozzles to be circular. The Co. will send a person to Soho for instructions. Mr. Taylor's engine was tried yesterday."*

**37.** Letter. James Watt Jr. (London) to John Southern (Soho). 13 Jun. 1811.  
*Docketed "Mr. Rennie's opinion about the power to grind cone wheat. Price of boilers."*

**38.** Letter. James Watt Jr. (London) to John Southern (Soho). 18 Jun. 1811.  
*The outside of the letter is addressed to Boulton Watt & Co.*  
*Docketed "Hudson Bay drawings are forwarded. Alters the estimate. Chelsea Water Works. Taylor's engine has been tried. Meux Reid & Co.'s second engine undetermined. Proposed alteration of their boiler. Desires Henry Creighton may come to his assistance."*

**39.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 26 Jun. 1811.  
*Docketed "Desires copies of Lewis & Hughes' correspondence. York Buildings – desire some of their goods to be sent. Meux Reid & Co. determine on the 32 horse size. Lambeth Water Works. Grand Junction think it best to countermand the order at Bradley. West Middlesex will not want their goods for some months."*

**40.** Letter. James Watt Jr. (London) to John Southern (Soho). 29 Jun. 1811.  
*The outside of the letter is addressed to Boulton Watt & Co.*  
*Docketed "Wants drawings etc. about the Witham drainage."*

**41.** Letter. James Watt Jr. (London) to John Southern (Soho). 2 Jul. 1811.  
*Docketed "Mr. Boulton and he expect to be at home on Sunday. Drawings of Tritton's engine wanted."*

**42.** Transcript of extract of letter. James Watt (Glasgow) to James Watt Jr. [Soho].  
27 Aug. 1811.  
*The extract is in James Watt Jr.'s hand and was sent to Southern by him.*  
*Docketed "Extract of letter relative to Jos. Miller, the boy recommended by Mr. Rothwell of Carlisle."*

**43.** Letter. James Watt Jr. (London) to John Southern (Soho). 18 Dec. 1811.  
*Docketed "He and Mr. Murdock are going to Witham as the engine for the drainage does not perform. Idle's steam pipes to drawings. The engine may be sent when ready. Liverpool Dock engine to be sent off. Has seen Ph. Crabb, and Rendle & Bridge, to whom he has given estimates – see within. York Buildings apparatus for second boiler."*

**44.** Letter. James Watt Jr. (London) to John Southern (Soho). 19 Dec. 1811.  
*Docketed "Relative to the York Buildings boilers and steam pipes. Stairs etc."*

**45.** Letter. James Watt Jr. (Boston) to John Southern (Soho). 21 Dec. 1811. 2 sheets.  
*On the second sheet:*  
Transcript of letter. J. Linton, A. Duggan, A. Sheath (Boston) to John Rennie [London].  
11 Dec. 1811.  
*Docketed "Copy of letter from the Witham Commissioners to Mr. Rennie. State in which we found the engine and first experiments made with it. Visit to Christie & Catherow's engine."*

**3/61 Letters to John Southern, William Creighton, James Miller, 1812-1816 (49 items)**

**1.** Card cover.  
*Marked "Mr. Watt 1812, 1813, 1814, 1815, 16."*

**2.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Mar. 1812.  
*Docketed "List of cotton engines wanted. Directions for John Bennett to Mr. Pearson. W. Murdock engaged with Mitchell's. Chelsea engine has been tried."*

- 3.** Letter. James Watt Jr. (Liquor Pond St.) to John Southern [?] (—). 20 Mar. 1812.  
*The address has been torn away, and the letter simply begins "Dear Sir."  
Docketed "Enquires about Meux Reid & Co.'s damper and frame."*
- 4.** Memorandum. "Memorandums London." 22 Mar. 1812.  
*Docketed "JW Junr.'s Memorandums relative to London business. Jukes Coulson & Co. Rundell & Bridge. Hodgson & Co. Smith & Harrington. West Middlesex Water Works. Kent Water Works. Distribution of the men, say engine erectors."*
- 5.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 24 Jul. 1812.  
*On the same sheet:  
Account. Settlement with York Buildings Water Works Co.  
Docketed "Settlement with the York Buildings Co. Mr. Murdock's nephew has not been heard of in Jamaica yet. Mitchell's engine put up there and does well. Henry Wildman likely to order an engine for Jamaica."*
- 6.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 24 Jul. 1812.  
*Docketed "Desires William Brown to be sent up to London Docks. Cooper Matchett & Co. Mr. Dyer has not got any premises yet."*
- 7.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 26 Jul. 1812.  
*Docketed "Want hands in London. Gardner & Co.'s nozzles not yet fixed. Dulwich College. Application from George Gibson & Co. for a small engine for America."*
- 8.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 27 Jul. 1812.  
*Docketed "Mr. Lumley will not accept draft for East Layton. His partners are sound. The account will be settled 13<sup>th</sup> Aug. York Buildings pump still leaks. Outer pump there is loose. Lambeth pump rod too short. W. Murdock Jr. [nephew] arrived in Jamaica. Mr. Mitchell expects to order a 10 horse engine in a few days."*
- 9.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 28 Jul. 1812.  
*Docketed "Still thinks it necessary for Mr. Murdock or Mr. Creighton should go to Cooper Matchett & Co. Messrs. Severn & Co. to have the first 14 horse independent engine in 5 or 6 months."*
- 10.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 30 Jul. 1812.  
*Docketed "Sir Alexander Grant. Amos & Co., Söbötters – has given them estimates of 10 horse engines. New River Head going on rapidly with the erection. Grand Junction Water Works not supplying their tenants. Anderson – has given him estimate (about £146) for warming school. Smith & Harrington – mistake in direction to them. West Middlesex Water Works are putting in a 21 inch main – and were putting the stop valve in the wrong place."*
- 11.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 31 Jul. 1812.  
*Docketed "About Taddy Tomlin's shaft made by Mr. Rennie. Mr. Jones of Bersham desires we will cast a new working barrel for York Buildings. Liverpool Dock engine house drawings approved by Mr. Rennie."*
- 12.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 1 Aug. 1812.  
*Docketed "Mr. Oddy. Credit on engines. Inglis & Ellice request us to draw. New River Co. will pay money allowing discount. Amos & Co. order a 10 horse engine. Brown and Wilkinson are arrived."*
- 13a.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 3 Aug. 1812.  
*Enclosing (b) below. Docketed "Order for a 10 horse engine for Messrs. Mitchell."*
- b.** Memorandum. William & Rowland Mitchell (London) to Boulton Watt & Co. ordering a 10 horse engine. 1 Aug. 1812.

- 14.** Letter. James Watt Jr. (London) to John Southern (Soho). 21 Dec. 1812.  
*Docketed "Jorgens' wheels need not keep the engine at work during the holidays. James McMurdo is removing the Strand Bridge engine. Burchall & Co. Hammersmith engine."*
- 15.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 24 Dec. 1812.  
*Docketed "Hammersmith engine started in connection with the main which had many failing joints. After being mended, water was raised to the Kensington Basin. Lambeth engine started, and promises well. Burchall & Co. Smith & Harrington's engine. York Buildings much improved by Mr. Murdock. Rundell & Bridge have stopped Mr. Rennie's proceedings. New school tickets to remain unappropriated till his return."*
- 16.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 26 Dec. 1812.  
*Docketed "Mr. Cotton of Limehouse wants estimate of a cheap 14 horse engine for a friend of his. Rundell & Bridge – 40 or 50 men grinding diamonds etc.! Mr. Willinck (of undoubted responsibility) wants estimate of a 6 horse and 4 horse engine for Hamburg."*
- 17a** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 29 Dec. 1812.  
*With (b) below attached to the letter, and enclosing (c) below. The address and docket are on a separate wrapper.*  
*Docketed "Order for boiler apparatus for 2 boilers for R. & W. Mitchell. Smith Harrington – wrong eccentric rod sent. Mitchells want estimate of boilers and apparatus complete for their 3 engines. Thinks of remaining in London till Peckover & Bellamy's business is over. Rundell & Bridge will stop the erection of their engine, and wish to return it. Messrs. Walker and Lawson have altered the position of the boiler."*
- b.** Transcript of memorandum. "List of articles necessary for the secondary boilers for the engines which are to be erected upon Bushy Park and Moreland estates." By William Murdock [nephew].  
*In William Creighton's hand.*
- c.** Memorandum. "Smith Harrington & Co.'s 14 horse. Received from John Shakespear. 27 Dec. 1812.  
*In James Watt Jr.'s hand. Docketed "About Smith & Harrington's eccentric rod."*
- 18.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 30 Dec. 1812.  
*Docketed "Mr. Murdock has been much at Hammersmith and must be there for a day or two more to adjust working gear etc. Barclay & Perkins want estimate of a new cylinder etc. Lambeth engine performs well. Jorgens' walls still low. Idle's shaft arrived – he is tired of the millwrights. Huddart's engine and gas apparatus doing well. About Lightmore's estimate."*
- 19.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 2 Jan. 1813.  
*Docketed "Estimate given to Mr. Cotton of the old 14 horse engine. Estimate to Barclay & Perkins. Estimate to W. & R. Mitchell. Estimate to Mr. Willinck. Lambeth Water Works engine. West Middlesex engine consumes 4 bushels per hour at 14 strokes, delivering into the Kensington Basin. Smith & Harrington. Rundell & Co. Peckover & Bellamy."*
- 20.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 4 Jan. 1813.  
*Docketed "An additional hand wanted for Brandram's repairs. Perhaps one may be wanted for Smith & Harrington's. Burchall & Co. – consumption of fuel by their old engine. Drawings right. R. Walker likely to leave his situation. A Mr. McMurdo, calico printer, wishes to dispose of his 12 horse engine. Idle's second shaft put in, and a new sliding clutch is to be applied with Mr. Rennie's consent. Description of the connection with the mill."*
- 21.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 5 Jan. 1813.  
*Directed to "Mr. W<sup>m</sup> or H<sup>y</sup> Creighton." Docketed "Will be at home tomorrow, and desires sundry preparations. Amos & Co. have not heard of their goods and make enquiry."*

- 22.** Letter. James Watt Jr. (Manchester) to John Southern (Soho). 10 Feb. 1813.  
*Docketed "David Holt's bills to be received – send him a small keg of blacking. Pollard's order positive. Some stir of business in Manchester. Mr. Boulton and he go through Clitheroe to Leeds. Houldsworth's new engine a good job – air leak vanished. Wheels make a noise. Goodier & Fowden have injured their outer bottom."*
- 23.** Memorandum. "Memorandums upon a tour from Manchester to Leeds, Sheffield and Derby." 13—21 Feb. 1813.  
*By James Watt Jr.*
- 24.** Letter. James Watt Jr. (Soho) to John Southern (27 Hatton Garden, London). 10 May 1813.  
*Docketed "Birmingham Canal affairs."*
- 25.** Letter. James Watt Jr. (Soho) to John Southern (27 Hatton Garden, London). 13 May 1813.  
*Docketed "To J. S. in London."*
- 26.** Letter. James Watt Jr. (Doldowlod) to John Southern (Soho). 29 Sep. 1813.  
*Docketed "Leaves end of present week to Kington. Directions as to Quarter Day. How to send the boring tools."*
- 27.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 18 Mar. 1814.  
*Docketed "Has learnt that Whitehouse & Co. omitted to send part of the East India Co.'s goods from Birmingham, but forwarded them by water after – not yet arrived. Hopes to fix about Hugh Thompson in a few days. West Middlesex Water Works. Heat for new process of refining sugar."*
- 28.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 22 Mar. 1814.  
*Docketed "Enclosing sundry particulars of experiments made at the West Middlesex Water Works. Consumption of coals there etc. Mr. Howard on sugar refining."*
- 29.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 23 Mar. 1814.  
*Docketed "The East India Co. have agreed to our proposals about Hugh Thompson who is to go by the Warren Hastings, 10 May. Hugh Thompson to set off for London immediately. Wishes the remainder of the Co.'s goods to go with the Engine if possible. West Middlesex Water Works have agreed to the times of payment for second engine. Mr. Murdock has worked first engine without air."*
- 30.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 21 Jun. 1814.  
*Docketed "Mr. Neate respectable. Is to see Mr. Allen. Woolwich. Hodgson & Son. Kennet & Avon need engine to be sent to Mr. Rennie's wharf in London."*
- 31.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 27 Jun. 1814.  
*The address and docket are on a separate wrapper.  
Docketed "Experiments with the new air pump engine for making sugar. Want a man to go to Pilcher's. Sundry orders for 6 horse engines for sugar making."*
- 32.** Letter. James Watt Jr. (13 London St.) to James Miller Jr. (Soho). 6 Sep. 1814.  
*Docketed "Has given Mr. Paillette the requisite information. Remarks on Moredale's application for estimates for Heathfield Co."*
- 33.** Letter. James Watt Jr. (Doldowlod) to John Southern (Soho). 2 Oct. 1814.  
*Directed "In his absence James Miller."  
Docketed "About Ralph Walker's son."*
- 34.** Letter. James Watt Jr. (Manchester) to Boulton Watt & Co. (Soho). 18 Feb. 1815.  
*Docketed "Suggestions about B. Donkin's boiler going whole. Insurance on Walker's goods. Carlisle Twist Co. boiler."*

- 35.** Memorandum. "Memorandums at Manchester." Feb. 1815.  
*In James Watt Jr.'s hand.*  
*Work needed on Birley & Hornby and Greenway's engines. Also work needed by Spode, R. Hamilton and Bourne Baker & Bourne at Stoke, and Sykes of Stockport.*
- 36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Dec. 1815.  
*Docketed "The sugar casting apparatus must have holes to clear out a crust that accumulates. Sutton & Davis and Rohde's engines up. Coope's materials sent for. Boilers etc. for Congo boat."*
- 37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Dec. 1815.  
*Docketed "Mr. Humphreys and his projects. Progress of Congo boat. Mr. Spode will not want gas at present. Appointment with Mr. Rohde for Tuesday. Design for Chatham engine house by Mr. Rennie."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Dec. 1815.  
*Docketed "Order for a 6 horse engine by Campbell Bowden & Co. Letters and particulars enclosed. Mr. Humphreys has got security. Woolwich goods not all delivered and difficulty about receipt. Congo boat – accident with boiler."*
- 39.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Dec. 1815.  
*Docketed "Congo boat will take another week. On Robert McMurdo. Campbell Bowden & Co. – time. On George Taylor, and substitute. Column for Mr. Long broke, the boxes dripping wet."*
- 40.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jan. 1816.  
*Docketed "Brought by Mr. Humphries."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 May 1816.  
*Docketed "Directions for paying wages. Woolwich not much advanced. Sutton & Davis nearly ready. Rohde's backward."*
- 42.** Letter. James Watt Jr. (London St.) to William Creighton (Soho). 11 Sep. 1816.  
*Docketed "About to set out for Sheerness etc. Mr. Mosley on the sea coast. Mr. Murdock valuing Shadwell engine, for which a single engine is recommended. Small single engine patterns of slide valves to be made."*
- 43.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Sep. 1816.  
*Docketed "Account of Duke of Bedford's engine and mill at Woburn, and observations on the mill work. Sugar exhausting machines give satisfaction."*
- 44.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Sep. 1816.  
*Docketed "Brought by Samuel Grey going with Pedra & Co. engine. Time he is to stop and money to be allowed."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Sep. 1816.  
*Docketed "Has sent a letter with Samuel Grey. Mr. Treviranus ready to come to Soho when 14 and 30 horse engines are ready. Mr. Murdock inspecting Thames steam boats. Porter proposed to go with Droop's engine and to have an agreement previously made. Remarks on exhausting machines of which 6 are proposed to be made. Boilers at Mint erected. Sets off on Sunday morning and gives directions for letters."*
- 46.** Letter. James Watt Jr. (Calais) to William Creighton (Soho). 18 Sep. 1816.  
*Docketed "Passage over. Steam boats a desideratum. Directions for forwarding letters etc. The two 14 horse engines at work at Sheerness. Progress made with the foundations of the well for the large engine."*

**47.** Letter. James Watt Jr. (Paris) to William Creighton (Soho). 10 Oct. 1816.

*On the same sheet:*

Transcript of letter. James Watt Jr. (Paris) to Mr. — Banks (London). 8 Oct. 1816.

*Docketed "Copy of a letter to Mr. Banks about a 14 horse boat engine. Receipt of letters. On Mr. Banks' engine if an order. Mr. Scheibler's engine doing very well. Expects to stay 10 or 14 days in Paris."*

**48.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 5 Nov. 1816.

*Docketed "Arrival on the 4<sup>th</sup>. Will remain a few days in London. Has received letters from Henry Creighton."*

**49.** Letter. James Watt Jr. (Glasgow) to William Creighton (Soho). 8 Dec. 1816.

*Docketed "On the estimates of boat engines. Daniels and Mr. Ogden. Progress and return proposed. Foundry at Manchester offered. Buchanan's premises. Rothesay Castle steam boat. Account of some engines at Glasgow."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
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Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 207**

**3/62 Letters to William Creighton, James Brown, 1817 (45 items)**

**1.** Card cover.

*Marked "Mr. Watt 1817."*

**2.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 Apr. 1817.

*Docketed "Men to have holiday. Time proposed for completing Mr. Molson's engine. Conference with Marquis Grimaldi. Mr. Rennie's motions. Plymouth Dock to have an engine sometime. Will enquire about Winter's shaft. Time when New River Co. will decide upon completing their 2<sup>nd</sup> 48 inch – not likely to be wanted this year."*

**3.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Apr. 1817.

*The outside of the letter addressed to Boulton Watt & Co.*

*Docketed "Rohde's boiler to be 10 horse, 3 feet longer. Wish to have it for strong steam. Mr. Davies' hoisting apparatus to be done at Soho."*

**4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Apr. 1817.

*Docketed "Woolwich Smithery and suction pipes wanted for suction. If Mr. Boulton can sign bills for Quarter Day? Iron to be ordered. Delftfield blowing cylinder in haste. Winter & Co. – time and also particulars of shaft etc."*

**5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Apr. 1817.

*Docketed "Mr. Barker's bell, to Mears. Leith Steam Boat Co.? Caledonia for sale without engine. Proposal for getting same ready. Denison's drawings wanted. Mr. Rohde's little engine air pump. Mr. Molson not yet seen."*

**6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Apr. 1817.

*Docketed "Size of Rohde & Co.'s vacuum pumps. Estimate for Chelsea wanted. Estimate given to March & Co."*

**7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Apr. 1817. 2 sheets.

*Docketed "Agreed to purchase Caledonia boat which is to be put in dry dock. Wishes Mr. Brown to attend there. Proposal for engines and boiler. Drawings to Mr. Rawson forwarded. Time for Combe Delafield & Co. Explanation of Sutton & Davis' winding apparatus as sketched."*

**8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Apr. 1817.

*Docketed "Purchase of Caledonia. Engine taking out. Mr. Watt will not leave this week. Plymouth engine likely to go on. Denison & Co. drawn upon."*

**9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Apr. 1817.

*Docketed "Plymouth dock estimate wanted. Progress with Caledonia. Success of Mr. Schroeder and favourable account of Porter. Mr. Schroeder likely to want more engines."*

**10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 May 1817.

*Docketed "Estimate for Plymouth Dock engine given in. Time of return with Mr. Molson. Sutton & Davis – power required. Progress with Caledonia, and proposal for boiler."*

- 11.** Letter. James Watt Jr. (London St.) to William Creighton [Soho]. 14 Jul. 1817.  
*Docketed "Caledonia engines finished but no account of boiler. Sketch of Mr. Ogden's boat wanted. Wants cost of Caledonia engines and that for Mr. Humphreys."*
- 12.** Letter. James Watt Jr. (London St.) to William Creighton (Soho). 18 Jul. 1817.  
*Docketed "Caledonia boiler delayed on the canal. Mr. Humphreys' engine also. Voyage to Margate and back. Visit to Mr. Simpson, Grand Junction."*
- 13.** Letter. James Watt Jr. (London St.) to William Creighton (Soho). 21 Jul. 1817.  
*Docketed "Additional particulars for Mr. Humphreys' engine wanted. Caledonia boiler expected to be too long. Account wanted against Fulton's executors."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jul. 1817.  
*Docketed "Caledonia boiler too long. Coal boxes much wanted. East London Water Works want a new engine. Grand Junction parallel motion black. Air stove may be made for J. Horden."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jul. 1817.  
*Docketed "Caledonia boiler wrong, and help wanted from Foundry. Rohde & Co.'s boiler leaking. Mr. Dale has not been seen. Underwood Hall and Mr. Braaksma. Steam kitchen wanted for boat. 4 gauge cocks wanted for boat."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Jul. 1817.  
*Docketed "Mr. Rennie wants estimate of 6, 8 and 10 horse engines for Liverpool. East London Water Works – nothing settled. Caledonia boiler together. Deffell & Co. likely to order engine."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 Aug. 1817.  
*Docketed "Order for Deffell & Co. Account of a small steam boat wanting new engine. On Cropper Benson & Co.'s business."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Aug. 1817.  
*Docketed "Letter from Mr. Droop enclosed. On Cropper Benson & Co. Caledonia's progress, and errors. 2 more gauge cocks wanted. East London Water Works done nothing. Enquiry about Prince of Orange. Grand Junction Co. in great haste and want George Taylor."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Aug. 1817.  
*Docketed "Sir John Lubbock & Co. decline guaranteeing Wetherell & Co. Mr. Rennie to prepare an estimate of saws etc. Henry Taylor to be sent to Mr. van Heukelson. East London Water Works determine on a 60 inch cylinder. First trial of the Caledonia boat engines. Wishes Mr. William Creighton to come to Town, and Mr. Brown to open letters etc."*
- 20.** Letter. James Watt Jr. (London) to James Brown (Soho). 23 Aug. 1817.  
*Docketed "Acknowledges receipt of letters and parcel. Caledonia's speed greater than first reckoned. Made first passage from London to Margate in 8 hours and 7 minutes – estimated distance about 80 miles at low water. Returned in 10 hours and 37 minutes against tide to Gravesend – sails of little help. Thinks 8 miles or 8¼ may safely be calculated on as her speed in still water – with good coal. Martin arrived."*
- 21.** Letter. James Watt Jr. (London) to James Brown (Soho). 25 Aug. 1817.  
*Docketed "Estimate of Caledonia's speed below Gravesend perhaps not quite correct. Connecting wheels for W. & R. Mitchell ordered from Mr. Rennie. Main crank roller gudgeon supposed to be cross bar for bell crank. Desires to know when J. T. & A. Douglas' goods will be ready to send off. Mr. Burdon has memo. that will explain Cropper Benson & Co.'s agreement as to carriage of TT60. Has wrote Mr. Wedgwood. Alteration of Caledonia's engines – expect to be finished on 27<sup>th</sup>."*

- 22.** Letter. James Watt Jr. (London) to James Brown (Soho). 30 Aug. 1817.  
*Docketed "Carriage of Bracknell's engine to be paid to London. May order 4 12 horse boilers. One 10 horse boat boiler wanted and two large ones for East London. Speed of Caledonia improved and reduced consumption of coal. Thames boat beaten shamefully. Wait trial with Sons of Commerce. Little difference of speed by increasing dip of paddles 1¾ inches. Mr. Creighton returns home on Monday. Mr. William Murdock Jr. requested to be in London as soon as he can to assist with further experiments. Mr. Murdock Snr. has been indisposed but somewhat better."*
- 23.** Letter. James Watt Jr. (London) to James Brown (Soho). 1 Sep. 1817.  
*Docketed "Writes for extract from one of Cropper Benson & Co.'s letters of the last terms offered by them for a man to go out to erect TT60."*
- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Sep. 1817.  
*Docketed "Proposal to Cropper Benson & Co. for David Fairweather. Caledonia, with Wylam coal, has plenty of steam. From London to Sheerness and back took 11 hours 25 minutes. 33 strokes per minute. Other experiments to make."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Sep. 1817.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (13 London St.) to Hicks & Son (Eastington, near Stroud). 5 Sep. 1817.  
*Docketed "On Cropper Benson's proposal for Fairweather. Copy of letter to Hicks & Son – extracts from correspondence with them wanted. J. T. & A. Douglas to have 5 per cent discount. Press copies of letters enclosed per box. Other experiments with Caledonia not reported yet correctly."*
- 26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Sep. 1817.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "With journal of Caledonia's proceedings. Go round Sons of Commerce. Rate and coals consumed. Enquires about Massey's log. Going to Ramsgate with Mr. Rennie. Additional stays to engine."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Sep. 1817.  
*Docketed "Voyage of Caledonia to Ramsgate, Sheerness etc. William Gibbins sent to Soho. Letters to Hicks wanted. Cropper Benson & Co.'s terms. Mr. Humphreys to have a letter."*
- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Sep. 1817.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (London) to Cropper Benson & Co. (Liverpool). 16 Sep. 1817.  
*Docketed "Copy of letter to Cropper Benson. Suction pipes for Woolwich wanted. Mr. William Murdock ill, and returned. Enquiry after East London drawings."*
- 29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Sep. 1817.  
*Docketed "Mr. Barrow wants account of the Congo steam boat, and that on the Tyne."*
- 30.** Memorandum. "Estimates wanted for the Paris Water Works for Mr. W. Mylne."  
26 Sep. 1817.  
*In James Watt Jr.'s hand. Docketed by William Creighton, who added various calculations and notes to the sheet.*  
*Docketed "Mr. Watt Jr., Soho". Estimates for Paris Water Works wanted by Mr. Mylne. Estimates for West Middlesex wanted by Mr. Clark. Calculations for the former."*
- 31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Sep. 1817.  
*This letter has been removed from a scrapbook.*  
*Docketed "Estimates for Mr. Mylne wanted. Letters about Congo wanted. Proposes Mr. Brown to cross to Holland instead of Mr. Murdock. Drawing of mud barge sent. Eau Brink Drainage want engine 36 inch, 7 feet stroke by Mr. Rennie who will send particulars of pumps."*

- 32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Sep. 1817.  
*Docketed "Mr. Murdock too unwell to be at sea and Mr. Brown wanted instead. Proposes going across on Friday. Account against Sir Isaac Coffin. Will try to see Lubbock & Co."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Oct. 1817.  
*Docketed "Expedition to Sheerness with Admiralty. Do not leave London til Saturday. Mr. Mylne's estimates. Sir J. Lubbock."*
- 34.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Oct. 1817.  
*On the same sheet:*  
Transcript of letter. James Watt Jr. (London) to William Mylne (New River Head). 2 Oct. 1817.  
*Docketed "A mistake in data for Paris Water Works and new estimate wanted. Copy of letter to Mr. Mylne."*
- 35.** Letter. James Watt Jr. (Margate) to William Creighton (Soho). 7 Oct. 1817. 2 sheets.  
*Docketed "Voyage to Margate and detention there by the weather. Sons of Commerce's proprietors may perhaps order an engine or two. Observations on engines and boilers."*
- 36.** Letter. James Watt Jr. (Margate) to William Creighton (Soho). 14 Oct. 1817.  
*Docketed "Detention by contrary winds and rough sea. On Wetherell & Co.'s enquiries. Directions to forward letters. Character of Majestic etc."*
- 37.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 17 Oct. 1817.  
*Docketed "Voyage of the Caledonia from Margate to Rotterdam. Getting passports etc. for continuing voyage up the Rhine."*
- 38.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 20 Oct. 1817.  
*Docketed "Have got passports, and preparations for proceeding up the Rhine. Rebellion of Worley and Taylor, the former sent home. Van Heukelon's engine doing well. Forwarding of letters. Examination made of the boilers."*
- 39.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 20 Oct. 1817.  
*Docketed "Brought by Worley 29<sup>th</sup>."*
- 40.** Letter. James Watt Jr. (Wesel) to William Creighton (Soho). 24 Oct. 1817.  
*Docketed "Journal of passage from Rotterdam to Wesel. One of the side beams broke and two new ones wanted."*
- 41.** Letter. James Watt Jr. (Ruhrort) to William Creighton (Soho). 31 Oct. 1817.  
*Letter continued on 1 Nov.*  
*Docketed "Journal of proceedings. Progress in mending beam."*
- 42.** Letter. James Watt Jr. (Caledonia, off Urdingen, between Ruhrort and Dusseldorf) to William Creighton (Soho). 5 Nov. 1817.  
*Docketed "Repair of damage completed and progress up the river. Arrived [i.e. the letter] November 15."*
- 43.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 7 Dec. 1817. 2 sheets.  
*Docketed "Recd. 16<sup>th</sup>. Voyage from Antwerp to Rotterdam. Observations on Mr. Treviranus' schemes. Objections to large paddle wheels. Objections on boiler flues. Is going to The Hague. Caledonia in dock."*
- 44.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 22 Dec. 1817.  
*Docketed "On paddle wheels for 20 horse engines. Endeavouring to sell Caledonia. Tandy very ill. Sketch of Sons of Commerce boat wanted."*

**45.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 30 Dec. 1817.  
*Docketed "Opinion on paddle wheels for Favourite. Dutch Government enquire about a steam ferry boat. Drawing of Caledonia's wheels. Letter from New York about boats. Tandy getting better."*

**3/63 Letters to William Creighton, William Bennett, January-July 1818 (44 items)**

**1.** Card cover.

*Marked "Mr. Watt 1818 No. 1."*

**2.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 19 Jan. 1818.  
*Docketed "Observation on Favourite boat. Respecting a man for Humphreys and St. Croix. Wants enginemans for Caledonia. Account of voyage to the Moerdyk. Tandy better."*

**3.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 10 Feb. 1818.  
*Docketed "Desirable to work both engines by one man, and have eccentrics to reverse. Nottingham application to be settled without him. Caledonia altering. Draft. Tandy to work, and his wages. Enquire for a man to Caledonia."*

**4.** Letter. James Watt Jr. (Rotterdam) to William Creighton (Soho). 3 Mar. 1818.  
*Marked as being received at Soho on 14 Mar.*  
*Docketed "Mr. de Hens at Amsterdam. Account of his engine. Connection of condensers? Prospect of returning and Caledonia to follow. On Favourite's draft of water. Will write to Mr. Humphreys. Observations on Molson's 60 horse engine."*

**5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Mar. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Return last week. Taylor sent to Mr. de Hens. Caledonia at Rotterdam and some alterations proposed. Favourite draws 3 feet 4 inches water. Progress at East London. Spring beam under columns. Mr. S. Brock has model of a steam vessel for sea."*

**6.** Letter. James Watt (Heathfield) to William Creighton (Soho). 31 Mar. 1818.  
*Docketed by Creighton, and kept with James Watt Jr.'s letters.*  
*Docketed "Voyage of Caledonia from Brill to Gravesend. Mr. Watt Jr. wants estimate of 20 horse engine. Mr. Lawson very ill."*

**7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Apr. 1818.  
*Docketed "Will see Mr. Stevens about the bang columns. Arrival of Caledonia and proposed alterations. Scheme for increasing size of Caledonia's boiler. Sons of Commerce got new boilers."*

**8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Apr. 1818.  
*Docketed "Mr. Humphrey's engine wanted. Observations on the cost of Favourite's engines. Observations on Caledonia's boiler. Mr. Beckett to be dun'd. Mr. Lawson despaired of."*

**9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Apr. 1818.  
*Docketed "Death of Mr. Lawson. Will write to Mr. de Hens. Favourite's engines – price."*

**10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Apr. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Favourite engines completed and remarks thereon with experiments."*

**11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Apr. 1818.  
*Docketed "First trials with Favourite. Several improvements suggested with engine etc."*

**12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Apr. 1818.  
*Marked "No. 2."*  
*Docketed "Enquires if Mr. Armory U.S. has ordered 2 engines. Mr. T. Clark enquires about a boiler for a 6 horse engine, Gosport Water Works. Leader & Co.'s breakage, and a piston rod proposed. East London bang-up beam to be made at Soho."*

- 13.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Apr. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Caledonia frames to be made stronger and project sent. Schemes for increasing boiler. Another safety valve wanted. Alteration of feeding apparatus? Favourite to be altered."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Apr. 1818.  
*Docketed "Determination of frame for Caledonia. Proposal for altering safety valve. Also for pockets in boiler. Mr. Clark wants estimates for Regent's Canal. Enquiry for 20 horse boat engine for Seville."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Apr. 1818.  
*Docketed "Wants estimate of 64 inch cylinder and pumps. On increasing Caledonia's boiler. Sons of Commerce went 7 miles per hour with new boilers."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Apr. 1818.  
*On the same sheet:*  
Transcript of memorandum. Request for estimate for 60 horse power engine. John Taylor, Surveyor of Mines (14 Langbourn Chambers, Fenchurch St.). 29 Apr. 1818.  
*Docketed "Mr. Taylor wants an estimate of a rolling mill engine for France. Letter from Mr. Williams about high pressure boiler."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 May 1818.  
*Docketed "Enclosing letter from Mr. Oesterreicher. Estimate of 53 horse engine wanted, also of 20 horse boat engine. Enquiry about procuring more steam for Caledonia."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 May 1818.  
*Docketed "Darthez's estimate delivered. Great blunder in estimate of 60 horse engine. Experiment proposed with Caledonia's boiler. Experiments to be tried with Favourite."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 May 1818. 2 sheets.  
*Docketed "Account of experiments with the Favourite steam boat."*
- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 May 1818.  
*On the same sheet.*  
Sketch. Pockets for boiler flues.  
*Docketed "Wishes a turning top to chimney. Pockets for boiler flue. Paint and screws."*
- 21.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 May 1818.  
*Docketed "Letter from Milligan Robertson & Co. Darthez & Co. order 20 horse boat engine and want drawings. Maudslay's estimate to them. Answer given to Messrs Schenk Mylins & Co. Mr. Taylor has had estimate, Mr. T. Clark ditto. Report that Mr. de Hens' works are burnt – stop goods."*
- 22.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 May 1818. 2 sheets.  
*Docketed "Experiments with Favourite down to Erith – beat Sons of Commerce. Proposed alterations to get speed in the engines. Engine ordered for a boat from Seville to Cadiz. Mr. Clark wants boilers repaired."*
- 23.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 May 1818.  
*Docketed "Davies Gilbert wants estimate of a ram. Heads of account for steam boats. Caledonia articles arrived. Enquires about covering grate. 15 horse stocks as convenient. Bolton & Littledale – to enquire after. 10 horse engines may go forwards. Engineers' boat – progress. Favourite beat Majestic."*

- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 May 1818. 2 sheets.  
*Docketed "On Caledonia grates, steam cases etc. Distribution of men – another wanted. Progress at Favourite. Bolton & Littledale have paid Mr. Rennie. Darthez boat supposed to be building. Charge to be made Mr. Humphreys. Gosport & Forton boiler ordered. Enquiry into cost of new paddles for Caledonia."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 May 1818.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 16 May 1818.  
*Docketed "Mr. Humphreys' account wanted. Things wrong at Caledonia – sent. Drawing of boat for Darthez – sent."*
- 26.** Letter. James Watt Jr. (London) to William Bennett (Soho). 10 Jun. 1818.  
*Docketed "Chimney etc. for the Caledonia has reached Paddington. 3 sets of fire bricks for backs of grates of Caledonia to be sent. Fire doors and barometers for Caledonia not received. A flanch for barometer pipe to be sent. Files not received and other tools. Painting still to do for Caledonia. Barometer ordered by Mr. Brown for Favourite, ditto ordered by Mr. Brown for Portsmouth & Farlington Water Works. George Taylor to be sent to erect engines for East London Water Works."*
- 27.** Letter. James Watt Jr. (London) to William Bennett (Soho). 18 Jun. 1818.  
*Docketed "Prospect of Caledonia being ready to start again in a few days. The charge to de Hens to be —. Answer which is to be given to Chance's of Birmingham. Mr. Bennett to explain the reason of delay to them and Mr. Potts. Returns accounts of Favourite's engines and observes the profit, if charged at the highest estimate. Is afraid the Favourite will have been beaten in a late cruise with Victory. Proposes to alter her paddle wheels. Letters for him to be sent to London till further notice, and also for his father. Mr. Hootton may go to Nottingham to vote. Mr. Creighton will answer Mr. Potts. Mr. Holl gone to Ireland – will get the particulars wanted by Mr. Murdock for Woolwich from Mr. Miller."*
- 28.** Letter. James Watt Jr. (London) to William Bennett (Soho). 19 Jun. 1818.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to William Tierney Clark (West Middlesex Water Works). 18 Jun. 1818.  
*Docketed "Letter wrote to West Middlesex. Charge to be made to Mr. de Hens. Matravers & Overbury's order. Mr. Humphreys and Smirke to wait. Marindin & Abick's answer."*
- 29.** Letter. James Watt Jr. (London) to William Bennett (Soho). 22 Jun. 1818.  
*Docketed "On Portsmouth & Arundel engine. Freight of goods to Arun? Enquires when Eau Brink engine went. Favourite got beat, and scheme for narrowing wheels proposed. Victory's engines broke down."*
- 30.** Letter. James Watt Jr. (London) to William Bennett (Soho). 23 Jun. 1818.  
*Docketed "With plan of Woolwich Smithery."*
- 31.** Letter. James Watt Jr. (London) to William Bennett (Soho). 24 Jun. 1818.  
*Docketed "Enquiry about Mint governor. Portsmouth & Arundel estimates must wait. No London hands can be spared. Bruce proposed for Liverpool. Bolton & Littledale's bills want endorsing."*
- 32.** Letter. James Watt Jr. (London) to William Bennett (Soho). 24 Jun. 1818.  
*Docketed "Woolwich Smithery drawings sent by coach. Nothing satisfactory about Austin's shaft. About payment of Constable. Johnson and Green to be dismissed."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Jun. 1818.  
*Docketed "Portsmouth & Arundel Canal – private information of the estimates given."*

- 34.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Jun. 1818.  
*Docketed "Has wrote respecting estimates for Portsmouth & Arundel Canal. Estimate of 30 horse engine wanted for Littleport & Downham drainage. Width of scoop wheel wanted." A sketch of the wheel is on the same sheet.*
- 35.** Letter. James Watt Jr. (London) to William Bennett (Soho). 25 Jun. 1818.  
*Docketed "Nothing respecting Mr. Austin's shaft can be made out."*
- 36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Jun. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Cause of not seeing Mr. Kennedy. Progress with Caledonia and wish to have Mr. Murdock. Copy of Mr. Ewart's paper wanted. Alteration of Caledonia's wheels wanted to be schemed. On Lancashire engines. Favourite's wheels proposed to be narrowed. Favourite sustains sea well."*
- 37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Jun. 1818. 2 sheets.  
*On the first sheet:*  
Transcript of letter. John Austin (9 Paragon Buildings, Bath) to James Watt Jr. [London].  
28 Jun. 1818.  
*Docketed "Nothing ascertained about Mr. Austin. Portsmouth & Arundel estimate wanted. Directions for Mr. Holt's estimate."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jul. 1818.  
*Docketed "Receipt of Portsmouth estimate. Voyage of the Caledonia to Greenhithe and back. Failure of Sons of Commerce and Prince of Cobourg. Will write about men's agreements."*
- 39.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Jul. 1818.  
*Docketed "New River Co. want account. Caledonia experiments concluded. Will answer letters soon as possible."*
- 40.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Jul. 1818. 2 sheets.  
*Docketed "New River Co. want account – complain of men and a column. Messrs. King have sent Matthews. Portsmouth 42 inch wanted soon as ready – names of agents. Observations on estimates ditto. 33 inch not in much haste. Johnson to erect Eau Brink. 10 horse engine at Witham sold to Mr. Couttz who will want a boiler."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Jul. 1818.  
*Docketed "With 1<sup>st</sup> set of Caledonia experiments and observations on them. Voyage to Sheerness and back with Mr. Rennie and Mr. Watt Sennr."*
- 42.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Jul. 1818.  
*Docketed "Inclosing letter from Messrs. Kings."*
- 43.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Jul. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Instructions for Portsmouth & Arundel engines. Leak and dirty flues of Favourite. Mistake in sending Woolwich things. Voyage of Caledonia to Nore. Henry Taylor goes to Seville. Proposing to sell Caledonia. Boats to Margate and Richmomd in agitation. New River Co. sent account."*
- 44.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jul. 1818.  
*Docketed "Objections to try 4 paddles. Bad success of Engineers. Progress at East London Water Works. More room to be allowed round safety valves."*

**3/64 Letters to William Creighton, July-December 1818 (37 items)**

- 1.** Card cover.  
*Marked "Mr. Watt 1818 No. 2."*

- 2.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jul. 1818.  
*Docketed "With second set of Caledonia experiments and observations on them."*
- 3.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jul. 1818.  
*Docketed "Scheme for large engines going slow, and no spur wheels. Enquires after 10 and 15 horse engines."*
- 4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jul. 1818.  
*Docketed "Project for steam boat between London and Richmond. Proposed size etc."*
- 5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Jul. 1818. 2 sheets.  
*Docketed "Account delivered to Mr. Droop. Cannot answer Porter's enquiry. Darthez's enquire for the engine and want weights etc. Caledonia block pieces wanted. Molyneux may have the £12. Johnson going to Lynn. Favourite Co. propose another boat. Scheme for large engines going slow. Richmond boat probably wanted. Engineers is desperation. Lord Cochrane's in same way. Mr. Ewart to have experiments. Favourite Co. paid £1000. Engines have broke a beam."*
- 6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jul. 1818.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 22 Jul. 1818.  
*Docketed "Mr. Brown on penitentiary warming. Mr. Watt on same – estimate wanted."*
- 7a.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Jul. 1818.  
*Enclosing (b) below.*  
*Docketed "Letters about Mr. Austin's shaft enclosed. Enquiry after old 14 horse boat engines. Mr. Brock's boat – copy wanted. Malcolm's time wanted. Margate boat drawing making. Richmond boat be settled on Tuesday."*
- b.** Transcripts. Transcripts of 3 letters on the same sheet, as follows:  
William Austin (Bath) to James Watt Jr. [London]. 2 Jul. 1818.  
James Watt Jr. (London) to William Austin (Bath). 8 Jul. 1818.  
William Austin (Bath) to James Watt Jr. [London]. 15 Jul. 1818.
- 8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Jul. 1818.  
*Docketed "Particulars wanted by Darthez. Tandy wanted immediately. Caledonia advertised for sale. Mr. Murdock and Taylor returning. Mr. Couttz's mud engine. Engineers boat altering. Hicks' estimate to be precise."*
- 9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Aug. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Richmond boat designs received. Favourite Co. about a new boat – prospectus and estimated expense. Sketches wanted."*
- 10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Aug. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Proceedings about Richmond boat – power and width of boat proposed. Darthez needs no fly. Caledonia experiments made."*
- 11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Aug. 1818.  
*Docketed "Mr. Rennie has appointed to make estimate for Mr. Lowe. Voyage of Caledonia to Margate. Henry Taylor leaving London. Tandy wanted immediately."*
- 12.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 7 Aug. 1818.  
*Docketed "With estimate of saw mill for Lowe & Co. Trinity to have a voyage on Tuesday with Caledonia. Particulars of Couttz's boiler wanted."*
- 13.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 9 Aug. 1818.  
*Docketed "With J. Blackie who is to learn engine-keeping."*

- 14.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 10 Aug. 1818.  
*Docketed "Mr. Smirke wants estimate for the prison heating apparatus. Expectation of Taylor."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Aug. 1818.  
*Docketed "Taylor arrived without notice. Voyage with the Trinity to Sheerness. Majestic broke down. Eclipse drawings and Mr. Brown wanted. Taylor's time wanted at Leyden. Defect of Caledonia's water case."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Aug. 1818.  
*With a postscript added by James Brown.*  
*Docketed "Steam boat scheme for the Po. Estimates wanted. Regulations for boilers. Velocity of river. Darthez's engine wanted."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Aug. 1818.  
*The docket is on a separate sheet, which has been attached to the letter. Creighton has drawn sketch sections of the Po tow boat on the back of the docket.*  
*Docketed "Further particulars relative to tow boat for the Po. Estimate and time wanted. Eclipse centre of gravity wanted."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Aug. 1818.  
*Docketed "Designs for Richmond engines wanted by Tuesday. Eclipse wants centre of gravity and engine takes too much room. Mr. James Law enquires after engine for West Indies."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Aug. 1818.  
*Docketed "Remarks on boat engine schemes. Voyage with Count Gonfaloniere. Observations on Po tow boat. Mr. Smirke has had prison estimate – remarks on plan. Richmond boat project in agitation."*
- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Aug. 1818.  
*Docketed "Darthez raving for their engine. Isaac Low & Co. enquired after. Mr. Carmichael wants credit."*
- 21.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Aug. 1818.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to Robert Smirke (London). 17 Aug. 1818.  
*Docketed "Copy of letter to Mr. Smirke on heating Penitentiary. Proposal for longer pipes to be ready by end October."*
- 22.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Aug. 1818. 2 sheets.  
*Docketed "Eclipse boat discussions and particulars of the plan. Boats for towing ships? Favourite Co. has paid a 2<sup>nd</sup> £1000. Disgrace of Victory."*
- 23.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Aug. 1818.  
*Marked "No. 2."*  
*Docketed "Messrs. Bourdieu have had 6 horse engine West Indies estimate. James Law a 10 horse engine West Indies estimate. Isaac Low & Co. very safe. Straps proposed by Mr. Walker for saw mill – objections. Experiment made with London boat."*
- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Aug. 1818.  
*On the same sheet:*  
Memorandum. Experiments with the London Steam Boat. 19 Aug. 1818.  
*Docketed "Experiments with London steam boat. Proposed new boat to Richmond. A voyage of Favourite and Victory."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Aug. 1818.  
*Docketed "Heat pipes for Penitentiary – also more additional pipes. Remarks on engines and boiler for Eclipse boat. Plan making. Distance of bridges, London boat only goes about 7¼ miles. Going on voyage with Caledonia. Richmond engines must be well done."*

**26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Aug. 1818.  
*Docketed "Prison heating apparatus to go on and be at work by end of November. Estimate of a small engine wanted for the above with a pump. Mr. Watt Jr. is going out for a few days. Boiler plates for Balston."*

**27a.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Sep. 1818.  
*Enclosing (b) below.*  
*Docketed "Darthez's engine arrived at Brentford the 31<sup>st</sup> – enquire. Account wanted."*

**b.** Letter. James Watt Jr. (London) to William Burdon (Soho). 3 Sep. 1818.  
*Docketed by William Creighton.*  
*Docketed "Cannot sign affidavit for Mr. Leach till known if was partner at Soho when engine was sent."*

**28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Sep. 1818.  
*Docketed "Observations on Darthez Bros.' estimate. Engine is shipped. Articles left behind to follow, when they (D.) will pay account. Eagle Foundry engine at Cadiz."*

**29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Sep. 1818.  
*Docketed "Letters wrote to Darthez. Will pay on receiving duplicates. Observations on duplicates. Vessel to sail 8<sup>th</sup>. Mr. Watt writes tomorrow about Isaac Low & Co.'s saw mill."*

**30.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Sep. 1818.  
*Docketed "Correspondence with Isaac Low & Co. returned. 8 saw frames agreed on and 3 to be made soon as possible. Worked with straps. James Fairweather proposed to erect the engine. Eclipse boat not yet settled. Performance of Tolles [?] saw mill."*

**31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Sep. 1818.  
*On the same sheet:*  
Transcript of letter. B. Richards [London] to James Watt Jr. 9 Sep. 1818.  
Transcript of letter. James Watt Jr. (London St.) to B. Richards. 9 Sep. 1818.  
*Docketed "Correspondence with Mr. Richards about the Po boat – engine proposed 20 horse. Eclipse boat contracted for. Engineers boat tried again and makes much splutter and noise. G. McMurdo inspecting boat engine."*

**32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Sep. 1818.  
*Docketed "East London articles wanted, house going on very slow. Mr. A. Humphreys orders a 10 horse engine for West Indies. Mr. Carmichael not come to terms."*

**33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Sep. 1818.  
*Docketed "Observations on evaporating experiment. Enquiry after Darthez's duplicates. Mr. Alexander enquires after metal sashes. Enquiry why East London has taken such long time. Also when Mr. Humphreys' engine will be sent."*

**34.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Sep. 1818.  
*On the same sheet:*  
Transcript of letter. James Watt Jr. (London) to Robert Smirke. 15 Sep. 1818.  
Transcript of letter. George Rennie (Royal Mint) to James Watt Jr. 3 Sep. 1818.  
*Docketed "Letter to Mr. Smirke and answer about engine for Penitentiary. Mr. Rennie's estimate of mill. Design of pumps enclosed for prison."*

**35.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Sep. 1818.  
*Docketed "On East London engine being so long in hand. Observations on Mr. Ogden's application and scheme. Mr. Jones spoken to about him. Darthez's duplicates to rest. Mr. Watt Jr. returns on Sunday or Monday."*

**36.** Letter. James Watt Jr. (Kington) to William Creighton (Soho). 12 Dec. 1818.

*On the same sheet:*

Transcript of letter. James Watt Jr. to Robert Smirke (Eastnor). 12 Dec. 1818.

*Docketed "Report on pump at Eastnor Castle. Copy of letter to Mr. Smirke respecting it."*

**37.** Letter. James Watt Jr. (Doldowlod) to William Creighton (Soho). 30 Dec. 1818.

*Docketed "Answer to letter from Mr. Rennie about engine for Ratton etc. Mr. Andelle expected to be at Soho."*

### **3/65 Letters to William Creighton, 1819**

**(34 items)**

**1.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Jun. 1819.

*Docketed "Mr. Coope wants a large boiler. Boat boiler at Foundry enquired after. Eclipse accounts wanted."*

**2.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jun. 1819.

*Docketed "Baring Bros. want estimate of 14 and 20 horse engines. Coope's boiler must be 40 horse – some dimensions given. Hodgson's have tube boiler which answers very well."*

**3.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jun. 1819.

*On the same sheet:*

Transcript of letter. Boulton Watt & Co. (Soho) to William Anderson (Grand Junction Water Works). 19 Jun. 1819.

*Docketed "Regent's Canal, further data, size of pumps etc. wanted. Copy of letter to Mr. Anderson with estimate of 2 engines – 6 horse/8 horse."*

**4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jun. 1819.

*Docketed "Mr. Coope is inclined to take boiler and will want a chimney. Baring Brothers & Co. – copy of letter to them. Congo boilers only wanted for a temporary purpose, and cheap. Sheerness brasses – trying to get the dimensions. North & Tilbe have had estimate. Shears' bill for East India boiler."*

**5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jun. 1819.

*Docketed "Estimate of boiler given to Mr. Coope. Congo boilers must be made into one. Eclipse beat Victory, account wanted. Mr. Rennie in Liverpool."*

**6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jun. 1819.

*On the same sheet:*

Transcript of newspaper article re. steamship *Savannah*.

*Docketed "East India Co. account given in. Mr. Watt Jr. asks what was said about discount. Mr. Coope has ordered boiler and apparatus. Favourite cylinder bottom cracked. Voyage of Savannah steam ship to Liverpool."*

**7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Jun. 1819.

*Docketed "Enclosing copy of letter to Mr. Coope. Proposal for putting 14 horse engine in Capt. Wager's boat."*

**8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Jun. 1819.

*Docketed "Woolwich working very well, and account wanted. 10 horse engine about to be ordered for Woolwich. East India Co. account delivered. Coope's particulars will be sent. Congo sides may be used the full height. Woolwich Yard propose having a steam boat. 74 and 40 gun ships building of larch and fir – 1<sup>st</sup> called Athol."*

**9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Jun. 1819.

*Docketed "Statement of what has passed with Regent and Grand Junction Cos. Estimation of the time an engine may take to finish. Mr. Anderson and Mr. Murdock coming to Soho."*

**10.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 28 Jun. 1819.

*Docketed "Regent's Canal engines to go on. Mr. Murdock and Mr. Anderson going to Soho."*

- 11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Jun. 1819.  
*Docketed "Regent engines to go on and Mr. Anderson is coming to Soho. Woolwich calculations will do. Richmond boat to be executed. Engines and boiler may go on – size. Leith packets proposed. Enquires if Henry Creighton has sent answers."*
- 12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jul. 1819.  
*Docketed "Savannah steam ship. Enquiry after estimate of Eclipse engines. Some doubt about Regent order. Eclipse's hot water pumps work ill. Mr. Walker wants estimate of water works engines."*
- 13.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jul. 1819.  
*Docketed "Mr. Rennie's account of the Savannah steam ship. Capt. Rogers' account, with coals burnt etc. etc. Leith packet scheme going on. Packet projected for Gibraltar."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Jul. 1819.  
*Docketed "A new pump proposed for Penitentiary. Enquiry about the engine pump. Mr. Rennie's mud engine enquired after."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Jul. 1819.  
*Docketed "Observations on Mr. Nash's letter. Proposes Mr. Anderson to settle the matter of Regent's Canal. Congo boilers to go forward. Enquiry has been made of Mr. Rennie about mud engine."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Jul. 1819.  
*Docketed "Men's time at Eclipse wanting. Mistake in Richmond paddles, ditto in boiler surface."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Jul. 1819.  
*Docketed "Regent's Canal engines not settled but materials may go on. Eclipse Co. want their account, and the charge is here given. Men's time wanted. Crank broke. Eclipse chimney leaks. Leith passage boats proposed."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Jul. 1819.  
*Docketed "Gotheridge's old agreement wanted. Mr. Anderson not yet seen."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Jul. 1819.  
*Docketed "Coope's enquire about their boiler. Richmond boat progress – boiler to go forwards. Leith packet scheme going on – several proposed dimensions."*
- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jul. 1819.  
*On the same sheet:*  
Transcript of letter. William Anderson (Grand Junction Water Works, Union St., Bond St.) to James Watt Jr. [London]. 16 Jul. 1819.  
*Docketed "Mr. Nash admits his error. Mr. Anderson is to call with drawings. Exact time wanted. Proposal to pay carriage."*
- 21.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jul. 1819.  
*Docketed "Richmond boiler to be made. Builders proposed for boat. Leith engines proposed to work slow and expand steam. Some particulars of Savannah steam ship – and cost of it. Coope's boiler much wanted. Price of 10 horse boat engines wanted."*
- 22a.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jul. 1819.  
*With (b) attached inside. Docketed "Progress with Regent Co. Payment not yet sure. Mr. Walker has had estimate for Marylebone and Shadwell. Holyhead packet on fire."*
- b.** Newspaper cutting of a letter re. fire on the *Talbot*. 15 Jul. 1819.
- 23.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Jul. 1819.  
*Docketed "Much in want of time fixing for Regent's Canal engine. Funds of Regent's Co. Enquiry about upper columns. Boiler charges cannot be explained at present."*

- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Jul. 1819.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to John Nash (East Cowes Castle). 20 Jul. 1819.  
*Docketed by Creighton as 20 Jun.*  
*Docketed "Copy of letter to Mr. Nash. Estimate wanted of how the additional £400 is to be occupied. Letter of enquiry about delivery sent to Mr. Anderson."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jul. 1819.  
*Docketed "Regent's Canal proceedings. Mr. Jones' certificate forwarded. McNiven not to have advance. A Gravesend boat projecting – some particulars. Sons of Commerce talk of having new engines. Enquiry after seating to Coope's boiler."*
- 26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Jul. 1819.  
*Docketed "Calculations for speed of boat wanted – 15 and 20 horse engines. Duke of Athol's larch – price and time of delivery. Total cost of Eclipse £10,250. Brent's extras £715 – dispatched. Profits of Eclipse £700. Nothing done at Regent's Canal Co. Propriety of William Murdock going to Manchester."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Jul. 1819.  
*On the same sheet:*  
Transcript of letter. James Brown for Boulton Watt & Co. [London] to Sampson Cazenove & Co. [London]. 1 Dec. 1818.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Mr. Rennie considers the Amsterdam mud engine an order. Copy of letter to Sampson Cazenove & Co. Estimate wanted for mud engine."*
- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Jul. 1819.  
*Docketed "Amsterdam mud engine to be 8 horse – estimated time? Gravesend boat information wanted. Towing boat with 40 horse engine talked of for Portsmouth. Mr. McKenzie has enquired about a boat engine for Bermuda. Defects in construction of the Eclipse engines. Little salt made."*
- 29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Aug. 1819.  
*Docketed "Amsterdam mud engine to be 8 horse and 10 horse boiler. Estimate as stated. No account of Regent's Co. or Mr. Anderson – not begun to dig."*
- 30.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Aug. 1819.  
*Docketed "Regent Co. have not agreed about ground for engines. Mr. Rennie expects order for another mud engine. Time for mud engines wanted."*
- 31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Aug. 1819.  
*Docketed "2 mud engine boilers to go on. Jolliffe & Banks have the engine etc. of de Couttz. Some negotiation about getting it back again. Richmond boat – a jointed chimney. Gravesend boat designs making. Mr. Wood has sent draft of a Leith boat, which is thought too narrow. Mention of coming to Soho."*
- 32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Aug. 1819.  
*Docketed "Carriage of Regent engines not to be paid – something must be found to make up sum. Printed lists wanted."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Aug. 1819.  
*Docketed "Coope & Co. impatient for boiler. Speedwell paddle wheels may go forward. Estimates. Larch is procuring from Duke of Athol. Gravesend drawing made. Leith schooner drawing made and estimates preparing. Time and expense of 35 and 40 horse engines wanted. Annesley's plan has been proposed for Speedwell."*
- 34.** Letter. James Watt Jr. (Heathfield) to William Creighton [Soho]. 15 Nov. 1819.  
*Docketed "On the draft of contract with Regent's Canal Co."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 208**

**3/66 Letters to William Creighton, James Brown, 1820 (67 items)**

**1.** Card cover.

*Marked "Mr. Watt 1820."*

**2.** Letter. James Watt Jr. (Heathfield) to William Creighton (Soho). 3 Jan. 1820.

*On the same sheet:*

Two transcripts of extract of letters, as follows:

Mr. — Weston [London] to James Watt Jr. [Heathfield]. 1 Jan. 1820.

John Rennie [London] to James Watt Jr. [Heathfield]. 25 Dec. 1819.

*Docketed "Copy of letter from Mr. Weston about Regent's Canal business which seems nearly concluded. Davidson Barkly & Co. cannot have mill till Mr. Rennie consults Mr. Cameron."*

**3.** Letter. James Watt Jr. (Heathfield) to William Creighton (Soho). 27 Jan. 1820.

*Docketed "Thinks Mr. Murdock should go to Penitentiary."*

**4.** Letter. James Watt Jr. (Heathfield) to William Creighton (—). 12 Feb. 1820.

*Docketed "What is wrote Mr. Weston about Regent's Canal agreement."*

**5.** Letter. James Watt Jr. (Aston Hall) to William Creighton (Soho). "5 o'clock" [Feb. 1820?].

*Docketed "Date of Regent's Canal deeds to be corrected."*

**6.** Letter. James Watt Jr. (Aston) to John Murdock (—). 18 Mar. 1820.

*Docketed by William Creighton. Docketed "On Molson's boiler going through the tunnel."*

**7.** Letter. James Watt Jr. (Heathfield) to William Creighton [Soho]. 25 Mar. 1820.

*Docketed "Mr. Mosley knows nothing of Smith Lindsay & Co. Proposed to ask Henry Creighton."*

**8.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 9 Apr. 1820.

*Docketed "On probable time of preparing 2 engines, 40 horse."*

**9.** Letter. James Watt Jr. (Heathfield) to William Creighton (Soho). 21 May 1820.

*Docketed "Directions for writing to Mr. Hudig, Rotterdam. Directions for letters to Manchester and Glasgow. Mr. J. Robison may probably call at Soho."*

**10.** Memorandum. "Superb – from Mr. Watt's letter, Glasgow, July 1820."

*Details of the steam boat Superb, including a sketch section, transcribed by William Creighton from an enclosure sent with the letter from James Watt Jr. dated 8 Jul. 1820 (see below).*

**11.** Letter. James Watt Jr. (Glasgow) to William Creighton (Soho). 8 Jul. 1820.

*Docketed "Sends particulars of Scotch steam boats for Mr. Brown. Will return soon."*

**12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Jul. 1820.

*Docketed "Has given Mr. Rennie a letter for Swaffham Commissioners. Sons of Commerce out of patience. Mr. Evans' remarks on Holyhead vessels. Dimensions of 40 horse boilers wanted. Regent's Canal Co. want more men. Estimate of 30 horse boat engine wanted. Proposes 14 horse engine for Gravesend boat."*

- 13.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Aug. 1820. 2 sheets. *Docketed "Post Office order engines – discussion about time etc. Section of vessel given, size of boiler proposed. 2 more 40 horse engines likely to be wanted. Going to Margate by Eclipse. A companion to Eclipse proposed. Also two 14 horse engines, and perhaps for 20 horse. Wants size of boilers. Enquires about paddle wheels."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Aug. 1820. *Docketed "Voyage to Margate and back by Eclipse. Plates wanted as many have broke. Enquire after Sons of Commerce's engines. Barge ordered for Wednesday."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Aug. 1820. *Docketed "More enquiries about Post Office engines. Thinks boiler too small. Eclipse Co. about new boat. Gravesend – larch boat proposed. Diana account wanted. Mr. Anderson wants amount of blocks. Will try and see Mr. Smirke."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Aug. 1820. *Docketed "Post Office enquire to have wheels on first shaft, on deck. Wants sketches of plan etc. Estimation of draft is 8 feet 6 inches."*
- 17.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 11 Aug. 1820. *Docketed "J. Jones to have instructions in engine-keeping."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Aug. 1820. *Docketed "Favourite and Eclipse Co. resolve on having a 3<sup>d</sup> vessel. Diana cost received. Capt. Rogers expected."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Aug. 1820. *Docketed "Fen engine is on order. Sugar apparatus in agitation by Craven & Bowman, prices of engines wanted. Rohde's old boiler collapsed. Complaints of new steam pipes."*
- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Aug. 1820. *Docketed "London and Margate boats decide on new vessel and engines. Particulars of vessel. Observations on Eclipse boiler, ditto on paddle wheels. Post Office expected to be settled."*
- 21.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Aug. 1820. *Docketed "Post Office engines positive order. Some particulars given. Another plan of engines wanted. Another vessel in agitation. Will apply to Mr. Rennie for Brooke's estimates."*
- 22.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Aug. 1820. *Docketed "Sends sketches of Post Office boiler. Paddle wheels probably cannot be allowed 9 feet. Leaks in Eclipse boiler bottom. Shaft – Post Office – must be above deck."*
- 23.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Aug. 1820. *Docketed "With drawing of Post Office boiler. Mr. Rennie and J. Walker absent, therefore Brooke & Co. must wait. Mr. Ranson grumbling. Regent's Canal, one engine may work in about a week – state of building etc. George Taylor unwell. J. Brown and Worley at Sons of Commerce."*
- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Aug. 1820. *Docketed "Enquires if there is a boiler same as Rohde's 32 horse. Hodgson's pipes arrived. Sutton & Davis and Coope doing very well."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Aug. 1820. *Docketed "Further conference with Post Office. Paddle wheels 8.0 feet wide and strong. Section of boat to be sent. Drawing of 14 horse boiler wanted. Boiler for Mr. Rohde wanted."*

**26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Aug. 1820.  
*Docketed "With draft of Post Office vessel. Observations on paddle wheels and length of engine room. Size of cross beams and those for the gangway. Disaster of Eclipse in Pool of London. Drafts of 2 other Post Office vessels making. Leader's boilers nearly done."*

**27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Aug. 1820.  
*Docketed "London & Margate new vessel contracted for by Evans. Query about paddle wheels. Wants size of boiler – 14 horse. James McMurdo considers Rohde's boiler stronger than common. Weight of Gwinn's boiler wanted. Account of money paid to Tandy's wife wanted. Enquiry after Oldham's scheme."*

**28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Aug. 1820.  
*Docketed "Letter from Mr. Rennie with price of sugar mills. Asks if 8 horse boiler for mud engine at Ramsgate is going on. Remarks on boiler for 14 horse. An additional boiler or larger engine recommended to Ranson's. Account wanted of men's time at ditto."*

**29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Aug. 1820.  
*Docketed "Regent's Canal engine ready for starting. Mains have burst. Sons of Commerce not ready for a voyage. Debtors to be looked up. Answer to give Orrell."*

**30.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Aug. 1820.  
*The docket is on a separate sheet, which has been attached to the letter. Docketed "Some resolutions on Post Office engines. Mr. Brown proposed to see the present Irish packets. More steam way in the boiler wanted. Proposal for steam pipe."*

**31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 Sep. 1820.  
*Docketed "Post Office have decided on a second vessel with 30 horse engines. Estimate of copper boiler wanted. Eclipse and Favourite boilers leak."*

**32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Sep. 1820.  
*Docketed "Experiment with Sons of Commerce 7¾ miles per hour – speed of engines and coals burnt. Velocity same as Victory. Po boat papers wanted. Enquiry about mud boiler proposed for Ramsgate."*

**33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Sep. 1820.  
*Docketed "Template making of section of Post Office vessel, proposals for boiler. Engines must have a hand pump. Place of paddle wheel shafts."*

**34.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Sep. 1820.  
*Docketed "Mr. Craven orders 10 horse sugar engine and one machine. Post Office wheels proposed 14.0 feet, 2 feet 6 inches dip, connecting rod 6 feet 6 inches. Mr. Brown about leaving for Ireland. Margate Union Co. vessel."*

**35.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Sep. 1820.  
*Docketed "Wants Mr. de Gallois' papers. Post Office vessel No. 1 considered settled as far as can in London. 2<sup>nd</sup> vessel to have iron boiler. Section to be sent here. Mr. Murdock will alter Sons of Commerce. Will write about Ramsgate Harbour boiler. Mr. William Murdock Jr. proposed to go to Dublin. Plan of Mr. Craven's premises making."*

**36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Sep. 1820.  
*On the same sheet:  
Log. Experiments with the Diana. 9 Sep. 1820.  
Docketed "Experiments on speed of Diana. Boat appears sunk at middle. No steam to spare from boiler. Engines work very well."*

**37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Sep. 1820.  
*Docketed "Post Office 2<sup>nd</sup> engine estimates given. Sons of Commerce to be altered by Mr. Murdock. Drawing of Post Office paddle wheels wanted."*

- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Sep. 1820.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Post Office 2<sup>nd</sup> boat engines ordered and to be 30 horse. Boiler plates not to be thinned. Broderipp and Oldham's schemes to be officially tried. Capt. Rogers gone to Holyhead. Another trial of Diana to be made – fuel consumed. Has looked at de Gallois' papers."*
- 39.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Sep. 1820.  
*Docketed "Experiment with Sons of Commerce loaded astern – 7.6 miles per hour. Worley and Shakespear's wages. Design for a Leith vessel wanted."*
- 40.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Sep. 1820.  
*Docketed "Answer to be given Mr. de Gallois."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Sep. 1820.  
*Docketed "Mr. Brown's observations received. Instructions for Mr. Ratton's faggotts. Mr. Murdock ready to return. Regent's Canal progress. George Taylor very unwell."*
- 42.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Sep. 1820.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Mr. Röntgen wants various estimates of engines. Price of 60 horse boat engine wanted. Propriety of boat engine for scoops and enquiry into expense. Imagined speed of Leith boats. Performance of Sons of Commerce. Favourite broke a beam."*
- 43.** Letter. James Watt Jr. (London) to James Brown (Soho). 23 Sep. 1820. 2 sheets.  
*Docketed by William Creighton.*  
*Docketed "Observations on the Holyhead voyage wanted. Remarks on paddle wheels. On strengthening side beams. Leith packet scheme decided. Rotterdam drawings going on. Mr. Craven wants plan. On Margate new boat. Wheels of Sons of Commerce altered. Regent's Canal main burst."*
- 44.** Letter. James Watt Jr. (London) to James Brown (Soho). 25 Sep. 1820.  
*Docketed by William Creighton.*  
*Docketed "On Craven & Bowman's plan – drawings wanted. Pumps. A rough expedition on Sons of Commerce. Craven & Bowman's boiler to be strong."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Sep. 1820.  
*Docketed "Paddle wheels – Post Office and for Margate will do. Gravesend Consolidated Co. Necessity for getting on with more boilers. Expedition with boat orders indispensable. West Middlesex may want boilers. Mr. Murdock returning. A steam vessel from Liverpool to Lisbon talked of."*
- 46.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 28 Sep. 1820.  
*Docketed "Wants estimate of boilers for West Middlesex."*
- 47.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Sep. 1820.  
*Docketed "Fresh trial of Sons of Commerce. John Craven Jr. is right. Materials wanted etc."*
- 48.** Letter. James Watt Jr. (London) to James Brown (Soho). 30 Sep. 1820.  
*The docket is on a separate sheet, which has been attached to the letter. Docketed by William Creighton: "Observations on Post Office No. 1 drawings. Strength wanted at paddle wheel outer necks. Time of execution wanted. Leith packet business going on. Rotterdam vessels kept back. Victory and Engineers talk of boat. Evans extending premises to build Post Office 2 and Margate 6<sup>th</sup>."*

- 49.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Oct. 1820.  
*On the same sheet:*  
Letter. James Watt Jr. (London) to James Brown (Soho). 4 Oct. 1820.  
*Docketed "Craven's machine will do. Craven's steam pipes will be sent. Post Office vessels – remarks. Leith vessels ditto. Enquires when several orders will be completed. Proposed new plates, Sons of Commerce."*
- 50.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Oct. 1820.  
*Docketed "Mr. Gibson has had estimate. No remarks on Post Office No. 2. Cannot reply to Goldschmidt's for want of questions. Goldschmidt's have furnished a copy."*
- 51.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Oct. 1820.  
*Docketed "Sends copy of letter to Messrs. Goldschmidt & Co. Observations on letter to be sent to Mr. de Gallois. Eclipse boiler must have a new bottom – to consider it. Favourite Co. irresolute, but boiler to be sent when ready. Post Office vessel No. 1, planking."*
- 52.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Oct. 1820.  
*On the same sheet:*  
Transcripts of two letters, as follows:  
Bingham Richards & Co. (London) to Boulton Watt & Co. (Soho). 11 Oct. 1820.  
Bingham Richards [London] to James Watt Jr. [London]. 11 Oct. 1820.  
*Docketed "Po Steam Boat Co. complain that more than Tandy's wages has been taken up – complain of Tandy. Denied by Mr. Richards."*
- 53.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Nov. 1820.  
*Docketed "Draft of Gravesend boat to be followed, price given. Leith packets 25 feet by 125 feet settled – price of engines given. 50 horse engines to be designed. Scheme for boats to Calais, and time of execution wanted. Asks if 60 horse engines can be used. Brocklebank's order 2 20 horse engines about settled, also 2 more – price given."*
- 54.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Nov. 1820. 2 sheets.  
*Docketed "Progress of Post Office vessels. Eclipse Co. have had crank wheel allowed for. Brocklebank's progress with barge. Time for building Leith No. 1. Engines of 50 horses proposed for No. 2 – time wanted. Packets to Calais in agitation. Mr. Rennie has a draining scheme. Boat for Moerdyk talked of. Estimated draft of Venus."*
- 55.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Nov. 1820.  
*Docketed "Wants size of 50 horse engine house. Also time for 40 and 50 horse engines, Leith 2<sup>nd</sup>. Estimate and weight wanted. Post Office engines No. 1 to be sent when ready. Favourite boiler being taken out. Leith No. 2 to be settled soon. Mr. Rennie's scheme to drain a fen. Directions for Favourite's new boiler."*
- 56.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Nov. 1820.  
*Docketed "Lord Audley enquires about a 10 horse engine and pumps. Expects Leith No. 2 in 3 months less than supposed. Builders' calculations about draft etc. of Leith vessels. Supposed quantity of coals."*
- 57.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Nov. 1820.  
*Docketed "Leith No. 1 built by Wigram, Leith No. 2 proposed by Wood. Boiler of ditto same surface as Eclipse proportional to size. West Middlesex want boilers inspected. Also Favourite's boilers to be examined."*
- 58.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Nov. 1820.  
*Dated as 23 Nov. by James Watt Jr.*  
*Docketed "Weight of 50 horse boiler with single flues wanted. Also the whole weight. Supposed estimate – 50 horse. 1<sup>st</sup> Post Office engine to be sent away. Leith vessel No. 2 scheming. Rohde's wish to know about boiler. Fen engine supposed in no haste."*
- 59.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Nov. 1820.  
*Docketed "On Mr. Brocklebank's order. Order of execution. Mending of Eclipse boiler."*

- 60.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Nov. 1820.  
*Docketed "On boiler for 50 horse engines. Thinks Mr. Rohde wants 2 boilers. Favourite's boiler worth mending. Mr. Rennie has seen Regent's Canal engines."*
- 61.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Nov. 1820.  
*Docketed "Mr. Rohde to have only one boiler. Post Office No. 1 ready to launch in a fortnight. Engines to go. Leith section not ready. Favourite boiler sending to Soho. Brocklebank's estimate must stand."*
- 62.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Dec. 1820.  
*Docketed "Mr. Kennedy to have answer about Orrell's affairs. Enquires about Mr. McRae. More boat engines in agitation. Boiler making must be expedited."*
- 63.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Dec. 1820.  
*Docketed "With section of Leith boat No. 2 and observations."*
- 64.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Dec. 1820.  
*Docketed "On 50 horse engines and their connecting rod etc. Sends section of Leith No. 1. Difficulties with shipbuilders. Materials of Post Office No. 1 arrived. Death of Joseph Varley."*
- 65.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Dec. 1820.  
*On the same sheet:*  
Letter. J. Miller for John Heighington (Hatfield St.) to Boulton Watt & Co. [London].  
15 Dec. 1820.  
*Docketed "Order for cross bar, Sons of Commerce. They have already broke 2."*
- 66.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Dec. 1820.  
*Docketed "On the design for Leith No. 2 paddle wheels etc. Drawings wanted for it and No. 1. Favourite boiler got into place. Post Office No. 1 not launched next Spring tide. Engine beams and cross bars to be made stronger."*
- 67.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 19 Dec. 1820.  
*Docketed "Enquires if Mr. Dagneau has had an estimate – 10 horse engine."*

**3/67 Letters to William Creighton, January-July 1821 (60 items)**

- 1.** Card cover.  
*Marked "Mr. Watt 1821, No. 1."*
- 2.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 2 Jan. 1821.  
*Docketed "On Chelsea estimate. Co. will want time for payment."*
- 3.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Jan. 1821.  
*Docketed "Encloses letter from Mr. Thomas Molson. Wishes apples by land."*
- 4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Jan. 1821.  
*Docketed "Encloses letter from Mr. Molson. Beams and cross bars all to be strengthened. Regent engines doing well. Chelsea order has been passed. Post Office No. 1 not launched."*
- 5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Jan. 1821.  
*Docketed "Observations on Mr. de Gallois' letter, and answer to be given his agent. On terms for Chelsea payment. Mr. Craven's job, asks if boiler was made for strong steam. Mr. Craven wants his account. Hodgson & Son's apparatus at work. Enquiry after boiler for Post Office No. 1."*
- 6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Jan. 1821.  
*Docketed "Estimates of engines wanted for Moerdyk ferry, Holland."*

- 7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jan. 1821.  
*On the same sheet:*  
Transcript of letter. Francis Freeling (General Post Office) to James Watt Jr. [London].  
18 Jan. 1821.  
*Docketed "Enquiry from Post Office about engines for 2 steam vessels. Price, time etc. wanted for ditto. Post Office No. 1 successfully launched and engines putting in."*
- 8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jan. 1821.  
*Docketed "Proposal for making boilers Leith No. 2 of copper. No account of Mr. Murdock's progress."*
- 9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jan. 1821.  
*Docketed "On boiler for Post Office No. 1. Mr. Freeling has had estimate of 20 horse engines. Brocklebank talks of 30 horse engine. Estimate of 50 horse copper boiler wanted. Dutch engines."*
- 10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Jan. 1821.  
*Docketed "Post Office No. 1 boiler arrived. Arrangement for getting it in. Sections of boat wanted. On copper boiler for Leith No. 2. Mr. Murdock's visit to Chelsea. Regent's Canal fireplaces – are about to use Brunton's scheme. Consumption of coals wanted."*
- 11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 Feb. 1821.  
*Docketed "Copy of letter to Mr. Röntgen – sent."*
- 12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Feb. 1821.  
*The docket is on a separate sheet, which has been attached to the letter. Docketed "Leith No. 2 to have iron boiler – a sketch of it wanted. Dover packet engines not ordered. Speculation boilers. Cross bars to be strengthened."*
- 13.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Feb. 1821.  
*Docketed "About Henry Taylor."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Feb. 1821.  
*Docketed "Leith boiler No. 5 preferred. Observations on dimensions. More men wanted. Post Office No. 2 to be launched 1<sup>st</sup> March. Post Office No. 1 boiler in vessel."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Feb. 1821.  
*Docketed "Section of Leith No. 2 sent. Breadth of ship at boiler. Observations on boiler. Henry Taylor's statement is right – is wanted in London. Swiftsure engines etc. wanted. Enquiry about boilers. Asks if Leith No. 2 will be done by end of April. Brocklebank's time etc."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Feb. 1821.  
*On the same sheet:*  
Sketch plan of boiler.  
*Docketed "Cleaning holes for boiler – Leith No. 2. Observations on pipes, boilers etc."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Feb. 1821.  
*Docketed "Mr. Lunell's boat enquiry. Leith No. 2 deep flues. On delivery of Post Office No. 2. 20 horse boilers with narrow bottoms. 15 horse engine to be expedited. Expects some more orders. Independent 20 horse engine to go on. Men not arrived, William Murdock Jr. gone to Denmark, Worley ill. Proposes Taylor for a steam boat."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Feb. 1821.  
*Docketed "Leith No. 2 boat to be in Thames by the end of May. Enquiry about boiler. Leith No. 1 to have the engines etc. delivered by 24<sup>th</sup> March. Disappointment about Post Office No. 2. Gibbs Son & Bright will be drawn upon."*

- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Feb. 1821.  
*Docketed "Order given for 2 packets from Dover to Calais. Remarks on copper boilers. Taylor wished for back. Wilkinson to stand over. Porter wanted if he can be spared."*
- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Feb. 1821.  
*Docketed "Proposed boat for Queensferry and estimates given. Asks if his of 19<sup>th</sup> was received. Leith No. 2 – nothing further. Post Office No. 2 need not be sent much before the boiler."*
- 21.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Mar. 1821.  
*Docketed "20 horse independent engine to wait. Soho orders considered slow in execution. Henry Taylor may have £10 and a boat place got him. Margate vessel launched. Swiftsure engines wanted."*
- 22.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 9 Mar. 1821.  
*Docketed "Asks about 20 horse boat boilers. On alteration of 50 horse boiler. Leith feed apparatus in the way. Margate boat to be Venus. Post Office 2 waiting for boiler. Venus's hand pump wanted."*
- 23.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Mar. 1821.  
*On the same sheet:*  
Memorandum. Experiments with the *Lightning* Steam Boat. 28 Mar. 1821.  
*Docketed "Lightning steam boat – experiments on speed. Boiler large for 25 strokes. Paddle casing wrong done. Design for Leith boiler No. 2 wanted."*
- 24.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 29 Mar. 1821.  
*Docketed "Wants Chelsea sketches back. A longitudinal section needed."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Mar. 1821.  
*Docketed "Leith No. 1 called City of Edinburgh. Launching and draft. Lightning engines go faster. Sons of Commerce's shaft arrived. Brocklebank's goods to be sent. Woolwich Smithery doing well."*
- 26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Apr. 1821.  
*Docketed "Leith No. 1 coal boxes too small, new ones wanted."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Apr. 1821.  
*Docketed "Chelsea will be attended to. Post Office 1 preparing for voyage. On safety valves, Leith No. 2. Wages of men in London. Mr. Zwinger wants estimate of 60 horse engine. Delays with Meteor goods."*
- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Apr. 1821.  
*Docketed "Experiment with Lightning. Stability of vessel etc. John Tandy returned. Capt. Tucksen not seen."*
- 29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Apr. 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Chelsea Water Works – notes about engine and pumps."*
- 30.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Apr. 1821.  
*Docketed "Copy of East India order wanted. Estimate of West India engines wanted. Also Mr. Zwinger's estimate."*
- 31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Apr. 1821.  
*Docketed "Price stated for West India 8 horse. Mr. Zwinger has had his estimate. Cannot settle Taylor's wages. Lightning experiments – 9¾ miles per hour. Voyage to The Nore and time. Vessel very steady."*

- 32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Apr. 1821.  
*On the same sheet:*  
Sketch. *Lightning Steam Packet* – new rings for paddle wheels. By James Brown?  
*Docketed "Lightning paddle wheels to have new rings, of which dimensions are sent. Order for Dover packets confirmed. Sheerness tow boat scheme. Lightning and Leith No. 1 accounts wanted."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Apr. 1821.  
*Docketed "About copper boilers. Navy Board have not yet determined about steam boat. Mr. Boulton has copies of the Calcutta estimates."*
- 34.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 May 1821.  
*Docketed "Enquiry about weight of boilers. Cannot settle paddles – Leith No. 2. Approves of 3 rings. Leith No. 1 will be tried in a fortnight. Some mistake about wood and iron paddles. Brocklebank's shafts are hollow. Dover boats not finally settled."*
- 35.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 May 1821.  
*Docketed "Gommel may go to London. 40 horse spur wheels too weak. 50 to be made stronger. 40 wheels to do for Admiralty. Enquiry about wood and iron paddles. Meteor nearly as quick as Lightning, Dover vessels not settled."*
- 36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 May 1821.  
*Docketed "Trial with Eagle, about 8 miles per hour. Spur wheels very noisy. Cranks preferred to wheels. Swiftsure launched, draft. Departure of Post Office vessels."*
- 37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 May 1821.  
*Docketed "No letter from Mr. Zwinger. Observations on the price of cement. Swiftsure, draft and slow speed. Venus towing an India ship. Voyage of Lightning and Meteor to the Downs. Accounts wanted. Dover No. 2 to have copper boiler."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 May 1821.  
*Docketed "Report of voyage of Lightning and Meteor to Portsmouth. Venus promises well in speed. Correction about Swiftsure draft. City of Edinburgh afloat. Voyage of Eagle to Ramsgate."*
- 39.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 May 1821.  
*Docketed "Expense of Leith No. 1 wanted. Cost of all others wanted also."*
- 40.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 May 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "City of Edinburgh tried with ½ numbers of paddles. Difficulty in keeping up steam. More experiments intended to be tried. Capacity of boilers wanted."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 May 1821.  
*Docketed "Experiments with City of Edinburgh. Coals burnt in ditto. More experiments proposed."*
- 42.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 May 1821.  
*Docketed "Eagle has had boiler burnt. Observations on boilers. Mr. Ewart and G. Haden report on smoke burning. Grate bars sent too long. Lightning and Meteor at Milford the 26<sup>th</sup>."*
- 43.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 May 1821.  
*Docketed "Account of experiments with Venus. Steam not very plentiful. Hero launched at Chatham. Venus's paddles answer well."*

- 44.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 May 1821.  
*On the same sheet:*  
 Transcript of letter. Francis Freeling (General Post Office) to James Watt Jr. [London]. 31 May 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Post Office in great haste for the Dover packets. Time to do engines wanted. Breakage of paddles, Irish boat. Brocklebank's weak side beams enquired into."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jun. 1821.  
*On the same sheet:*  
 Transcript of letter. George Henry Freeling (Holyhead) to James Watt Jr. [London]. 30 May 1831.  
*Docketed "Mr. Freeling's report of voyage to Holyhead. Breakage and loss of paddles. City of Edinburgh has fresh cleaning holes cut in boiler. More experiments proposed. John Taylor mending."*
- 46.** Letter. M. R. Boulton (Great Tew) to William Creighton (Soho). 8 Jun. 1821.  
*On the same sheet:*  
 Transcript of extract of letter. James Watt Jr. (London) to M. R. Boulton [Great Tew]. 6 Jun. 1821.  
*Docketed "Mr. Watt, London, 6 June 1821. Account of Lightning and Meteor's adventures. This copy sent by Mr. Boulton."*
- 47.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Jun. 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "City of Edinburgh to set off for Leith the 20<sup>th</sup>. Paddles 24 inches. Capt. Rogers about paddles. Success of Lightning and Meteor. Mountaineer's challenge etc. Salt traps under consideration. Leith No. 2 vessel to be launched the 18<sup>th</sup> and engines must go soon in July. Mr. Murdock's return, Mr. Watt's ditto. Dover packet drawings going on."*
- 48.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Jun. 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Account of experiments on speed of City of Edinburgh steam packet. Difficulty in getting steam for the above, and also Venus. Venus chimney raising 6 feet."*
- 49.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Jun. 1821.  
*Docketed "Swaffham account is sent. Progress of scoop wheels and house – Johnson. Syphon boxes will not do. Vessel as Mr. Walker's enquiry £6000. Mr. Austin's man to be enquired of. Paddles of Venus altered. Eclipse considered mended in speed."*
- 50a.** Memorandum. "Memorandums made with Mr. Murdock, Mr. Brown & Mr. Bennett. London, 10 Jun. 1821." 2 sheets.  
*Kept with (b) below.*  
*Docketed "Mr. Watt, London, 10 June 1821. Remarks on various parts of the Lightning's engines, that are to be corrected in future."*
- b.** Memorandum. Creighton's notes on points in James Watt Jr.'s memorandum.
- 51.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Jun. 1821.  
*Docketed "Report of Lambeth having resolved on a 70 horse engine. Peel Williams' estimate for ditto. Mountaineer arrived in Thames. Mountaineer's tonnage and good speed."*
- 52.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Jun. 1821.  
*Docketed "Voyage of City of Edinburgh to The Nore and back. To leave for Leith 20<sup>th</sup>. Account of Mountaineer got. Capt. Rogers wrote to about cutting the paddles. Estimate procuring for Mr. Walker. Mr. Murdock returning."*
- 53.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Jun. 1821.  
*Docketed "On Lambeth estimate. Breakdowns, East London. Men appointed to City of Edinburgh. Worley's station and wages. John Stratford sent to Soho. Tandy's situation and wages. John Taylor getting better."*

**54.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Jun. 1821.  
*Docketed "Will enquire about Lambeth mains. Wants expense of erection. Mountaineer gone with 20 or 30 passengers."*

**55.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Jun. 1821.  
*On the same sheet:*

Transcripts of three letters, as follows:

H. Hicks & Son (Eastington, near Stroud) to James Watt Jr. [London]. 7 Jun. 1821.

James Watt Jr. (13 London St.) to H. Hicks & Son (Eastington). 13 Jun. 1821.

James Watt Jr. (London) to George Haden (Trowbridge). 13 Jun. 1821.

*Docketed "Correspondence with Hicks & Sons about smoke burning and drying cloth by steam."*

**56.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jun. 1821.  
*Docketed "Answer about Lambeth wanted. Conference with Mr. Cockerell."*

**57.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Jun. 1821.  
*Docketed "City of Edinburgh gone off. Post Office accounts ordered to be settled. No charge for new rings. Progress of Dover No. 1 – proposed launch 22<sup>nd</sup> Aug. Engines for ditto to go forward. Hero nearly ready."*

**58.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Jun. 1821.  
*On the same sheet:*  
Transcript of letter. James Brown (London) to Mr. — Evans & Mr. — Patterson. — Jun. 1821.

*Docketed "Estimate of a steam boat for Mr. Simon Walker. Mountaineer at Berwick."*

**59.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jun. 1821.  
*Docketed "Will write to Lambeth Water Works. Journal of Mr. Freeling sent. Capt. Rogers' remarks sent. Launch of James Watt. Mountaineer's misfortune. Voyage of Hero to Margate. Some particulars of Hero."*

**60.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jun. 1821.  
*Docketed "Lambeth Water Works have had estimate sent them. Mr. Simpson wants size of grates."*

### **3/68 Letters to William Creighton, July-December 1821**

**(63 items)**

**1.** Card cover.

*Marked "Mr. Watt 1821, No. 2."*

**2.** Memorandum. "Respecting the *City of Edinburgh &c.*" Soho, 28 Jun. 1821.  
*Docketed "Mr. Watt – Soho, 28 Jun. 1821. Relative to the City of Edinburgh."*

**3.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 3 Jul. 1821.  
*Docketed "On hollow and solid shafts."*

**4.** Letter. William Wager (Glasgow) to James Watt Jr. (Soho). 10 Jul. 1821.  
*Docketed by William Creighton, so presumably kept with this bundle.*  
*Docketed "James Watt has shipped ballast and sails the 11<sup>th</sup>. City of Edinburgh about to sail. Observations on making salt in boilers."*

**5.** Memorandum. "Memorandums, 25 Jul. 1821."  
*In James Watt Jr.'s hand. Docketed by William Creighton.*  
*Docketed "About boat engines. Soho 25 July 1821."*

**6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Aug. 1821.  
*Docketed "City of Edinburgh made good passage. Eclipse beat Mountaineer 20 minutes from Nore."*

7. Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Aug. 1821.  
*Docketed "City of Edinburgh alterations. Last passage 63 hours. Halbeath coal best. Progress with James Watt. Dover packet engines wanted. Dover paddles to be of fir. Mr. Röntgen not settled yet. Victory and Hero disabled."*
8. Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Aug. 1821.  
*The docket is on a separate sheet, which has been attached to the letter. Docketed "Cost of making Navy tug with changing wheels wanted. Complaints of delay of carriers. Launch of Dover not yet known. Mr. Röntgen making arrangements. A third Leith vessel proposed."*
9. Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Aug. 1821.  
*Docketed "Breakages of Lightning and City of Edinburgh. Project for safety valve. Hero has broke a cross bar. Remark on sheet copper order."*
10. Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Aug. 1821.  
*Docketed "Dover No. 1 to be launched 7<sup>th</sup> to 9<sup>th</sup> September. More men wanted. Plan of James Watt's boiler wanted. Parts of James Watt long on the way."*
11. Letter. James Watt Jr. (London) to William Creighton [Soho]. 20 Aug. 1821.  
*Docketed "Brought by Mr. Röntgen."*
12. Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Aug. 1821.  
*On the same sheet:*  
Transcript of extract of letter. George Henry Freeling (Holyhead) to James Watt Jr. [London]. 18 Aug. 1821.  
*Docketed "Extract from Mr. Freeling with complaints of wheels. Cross bar George IV broke."*
13. Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Aug. 1821.  
*Docketed "Navy tug not yet settled. Venus Co. – want wrought iron shaft, 2 solid shafts resolved on, duplicate wheels also, plumber block making in London. More men wanted. Venus shaft piecing, Mr. Rennie."*
14. Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Aug. 1821.  
*Docketed "Navy tug drawings wanted. Venus's shaft broke again. To be repaired by Mr. Rennie. A solid shaft to be made. Gangway beams strengthening. Orders for copper plates."*
15. Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Aug. 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Enquiry about boiler cramps. Observations on Allingham who is to be discharged. Urgency with copper boiler and engine for Dover No. 2. Observations on the breakage of Venus. Venus's shaft nearly mended. Thomas Hughes may go to Chelsea. Mr. Simpson grumbling and growling."*
16. Letter. James Watt Jr. (London) to William Creighton [Soho]. 25 Aug. 1821.  
*Docketed "Venus repaired and gone to Margate. New shaft in great haste."*
17. Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Aug. 1821.  
*Docketed "Mr. Mylne wants estimate for water works, Lichfield. No accounts of Venus. City of Edinburgh arrived at 10 Saturday."*
18. Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Aug. 1821.  
*On the same sheet:*  
Transcript of letter. Francis Freeling (Bryanstone Square) to James Watt Jr. [London]. "Sunday" [26 Aug. 1821?].  
*Docketed "Letter from Mr. Freeling about steam boat paddles. Mend of Venus shaft given way. New shaft by fly waggon."*

- 19.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 3 Sep. 1821.  
*Docketed "Has received a Post Office Firman."*
- 20.** Letter. James Watt Jr. (Holyhead) to William Creighton [Soho]. 5 Sep. 1821.  
*Docketed "Arrival of Meteor articles. Talbot has been hired. Pipes wanted for emptying cocks. Crank and barometer glasses wanted. Lightning off with reduced paddles. Duplicate shafts agreed to. Fir paddles stand best."*
- 21.** Letter. James Watt Jr. (Holyhead) to William Creighton (Soho). 7 Sep. 1821.  
*Docketed "On breakage of City of Edinburgh's shaft. Defects of Meteor's hollow shaft. Copper pipes much wanted. Paddles reducing. Lightning duplicates arrived. King weatherbound at Dunleary. On enlarging City of Edinburgh's shafts. Mr. Murdock mends."*
- 22.** Letter. James Watt Jr. (Holyhead) to William Creighton (Soho). 8 Sep. 1821.  
*Docketed "Enquires about Dover No. 2. Observations on shafts of ditto. Proposes going to Dublin and return on Tuesday. Francis Taylor returning to see wife – gives great satisfaction. Carriage sent by Liverpool."*
- 23.** Sketches and notes. "Meteor, Holyhead, 12 Sep. 1821."  
*Docketed "Mr. Watt, Holyhead, 12 Sep. 1821. Dimensions of paddle shafts, cocks and air vessels, Meteor. New solid irons proposed."*
- 24.** Letter. James Watt Jr. (Holyhead) to William Creighton (Soho). 13 Sep. 1821.  
*Docketed "Passage from Holyhead to Dublin and back in the George IV [Royal Sovereign in the letter]. Meteor repairs done and vessel off. Lightning undergoing repairs. Talbot still continued – indifferent. Boilers of Talbot and Ivanhoe bad. Broderip not ready for some time."*
- 25.** Letter. James Watt Jr. (Holyhead) to William Creighton (Soho). 14 Sep. 1821.  
*Docketed "Francis Taylor arrived. Orders for pipes, cocks and tools, screws etc. for Lightning. Proposal for paddles."*
- 26.** Letter. James Watt Jr. (Holyhead) to William Creighton (Soho). 14 Sep. 1821.  
*Docketed "Sovereign to have only 12 paddles. Mr. Freeling going to see Broderip. Mr. Watt proposes returning 15<sup>th</sup>. Gauges for new shafts. Copper cover and grease cocks."*
- 27.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 21 Sep. 1821.  
*Docketed "Navy tug wheels on 1<sup>st</sup> shaft. Bearing in side of ship may be had."*
- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Sep. 1821.  
*Docketed "Arrival in London and resolution of James Watt committee. Engines have been worked. Expect to make experiments on Thursday. Bars of iron proposed for paddle shafts. City of Edinburgh sailed 26<sup>th</sup>. Dasher, Dover 1 nearly ready. Progress of Sovereign. Unfavourable opinion of Mr. Freeling on Broderip's ship."*
- 29.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 29 Sep. 1821.  
*Docketed "More holes for paddle bolts in Dover No. 1 wheels."*
- 30.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 4 Oct. 1821.  
*Docketed "Enquires if 2 letters have been received. Strang & Webber doubtful. Dasher and James Watt unfinished. Mr. Rennie dangerously ill. City of Edinburgh 53 hours passage."*
- 31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Oct. 1821.  
*Docketed "Laird & Co. have contracted with Fawcett & Co. – price. Sir John Tobin about 2 vessels – estimates wanted. Prices of Fawcett & Co. Dasher is out of dock."*

- 32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Oct. 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Experiments of the velocity of the James Watt vessel. Tooth of a wheel broke and complaint of bad cutting. Vessel wants stability, rudder. Accident with wheel rims. City of Edinburgh to be tried tomorrow."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Oct. 1821.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Experiments on velocity of Dasher. Consumption of coals. Engines work well, paddles too deep in the water. Connecting rod wants room. Enquiry after 2 engines, 14 horse. Mr. Murdock unwell."*
- 34.** Letter. James Watt Jr. (London) to William Murdock Jr. (Soho). 12 Oct. 1821.  
*Docketed by William Creighton.*  
*Docketed "Mr. Murdock unwell. Experiments with James Watt sent. Size of 15 horse boilers wanted."*
- 35.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Oct. 1821.  
*Docketed "On Sovereign's shafts. Necks reported to have been hot. Another experiment with City of Edinburgh, ditto with the Dasher. Dasher sails Dover. Mr. Murdock better. Carriage for Crowley?"*
- 36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Oct. 1821.  
*Docketed "Dasher has broke cross bars. Duplicates of wrought iron. Mr. Brown going to Dover. Connecting rods too near frame. Strang & Webber safe for £2000."*
- 37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Oct. 1821.  
*Docketed "About strong cross bars. Constant disasters with boats. Dover wrought iron soon as possible."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Oct. 1821.  
*Docketed "Observations on the Meteor's breakage. Mr. Murdock returning. Mr. Röntgen settles tomorrow. On breaking up cross bars. On Holyhead wrought iron shafts. New wheel on James Watt's shaft."*
- 39.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Oct. 1821.  
*Docketed "On cross bars – wrought iron, Dasher, and also the cast ones. On breaking up side beams. Design for Holyhead packet shafts wanted. West India heavy flys. James Watt ready by Thursday. Pearsall will be wanted."*
- 40.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Oct. 1821.  
*Docketed "Mr. Röntgen's order settled and particulars of boat. Size of paddles, rudder, working gear, boiler. To be complete by 1st March. Dover No. 2 wanted soon. Holyhead packets at work."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Oct. 1821.  
*Docketed "Dasher has had a disaster. Holyhead – all well. Venus engages for George Rex."*
- 42.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Oct. 1821.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 26 Oct. 1821.  
*Docketed "Mr. Watt, J. Brown. Venus's crank wheel quite done. New shaft proposed with wheels. Damage of Dasher's blow valve. Dasher to have stop pipes. Stop valves to be general. Crank wheels to be stronger."*
- 43.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Oct. 1821.  
*Docketed "Post Office very impatient. Cross bars – Mr. Röntgen. James Watt not yet ready. City of Edinburgh pipes wanted immediately. Sir John Tobin builds next year – estimates wanted. Sketch of Holyhead shafts wanted. Boiler maker wanted."*

- 44.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Oct. 1821.  
*On the same sheet:*  
 Memorandum. Experiments with the *James Watt*. 30 Oct. 1821.  
*Docketed "Account of James Watt's experiments on velocity and coals."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Oct. 1821.  
*Docketed "Sends copy of letter to Mr. Röntgen. Part of payment advanced. Mr. Coulthorp to build vessel."*
- 46.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Nov. 1821.  
*Docketed "Further experiments with the James Watt. Weather bad for them. Paddle wheels thought too large. Post Office disappointed about Dover No. 2. Broderip not yet at Holyhead."*
- 47.** Memorandum. "Experiments with the *James Watt*." 1 & 2 Nov. 1821.  
*The docket is on a separate sheet, which has been attached to the letter. Sent with James Watt Jr.'s letter of 3 Nov.*  
*Docketed "Experiments on the velocity of consumption of coals with the James Watt steam packet."*
- 48a.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Nov. 1821.  
*With (b) below attached. Dated by James Watt Jr. as Oct., but docketed by Creighton as Nov. From the content, the latter would appear to be correct.*  
*Docketed "Breakages of crank wheels. Proposal to shorten arms. Another experiment with James Watt on 7<sup>th</sup>."*
- b.** Sketch. 40 horse engine crank wheel.
- 49.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Nov. 1821. 3 sheets.  
*On the same sheets:*  
 Memorandum. Experiments with the *James Watt*. 6—8 Nov. 1821.  
*Docketed "Experiments with the James Watt. First: all the paddles on, immersed 2 feet 6 inches – speed 10.04 miles per hour. 2<sup>nd</sup>: half the paddles off the outer rims – speed 9.94 miles per hour. 3<sup>rd</sup>: half the paddles off each wheel – speed 9.51 miles per hour. 4<sup>th</sup>: half the paddles off the inner rims – speed 10.03 miles per hour. Comparative speed of the Dasher. Consumption of coal, ten bushels per hour. Propose carrying less coal. Intend trying a deeper immersion of the paddles. One of the crank wheels cracked. Paddle shafts of Meteor. On Mr. Delap's syphon scheme. Broderip's vessel at Holyhead. His statement of its velocity."*
- 50.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Nov. 1821.  
*Docketed "Further observations on the James Watt's machinery. Mr. Freeling on Meteor's wheels. Observations on breaking crank wheels."*
- 51.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Nov. 1821. 2 sheets.  
*On the same sheets:*  
 Memorandum. Experiments with the *James Watt*. 13—15 Nov. 1821.  
*Docketed "Further experiments with the James Watt. First: half the paddles immersed 3 feet, the other half 2 feet 6 inches – speed 9.49 miles per hour. Second: three fourths of the paddles immersed 3 feet – speed 9.73 miles per hour. Third: paddles on the inner half of the wheels only & immersed 3 feet – speed 9.17 miles per hour. Fourth: one engine only, paddles as before – speed 6.95 miles per hour. Fifth: one engine only, paddles on inner division only, immersed 2 feet 6 inches – speed 7.69 miles per hour. Sixth: one engine only, all the paddles on, immersed 2 feet 6 inches – speed 7.13 miles per hour. Seventh: all the paddles on and both engines. Difference of speed with the paddle wheels 9 feet wide and when 4½ feet wide = 0.87 miles per hour. Vessel proposed to be tried at sea."*
- 52.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Nov. 1821.  
*Docketed "With experiments on the James Watt. Observations on the experiments etc. etc. Tremor in boilers. Will enquire about Meteor shafts. On cracking of crank wheels."*

- 53.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Nov. 1821.  
*Docketed "On Meteor's paddle shafts. Shafts for Navy tug. William Creighton wanted at James Watt."*
- 54.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 20 Nov. 1821.  
*On the same sheet:*  
Sketch. Framing of *Royal Sovereign*, showing place of breakage.  
*Docketed by ?*  
*Docketed "Sketch and explanation of the fracture of the Royal Sovereign's headstock framing."*
- 55.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Dec. 1821.  
*On the same sheet:*  
Memorandum. For the *Meteor* Steam Vessel. 5 Dec. 1821.  
*Docketed as 5 Dec.*  
*Docketed "Order for Meteor's new paddle wheels."*
- 56.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Dec. 1821.  
*On the same sheet:*  
Letter. John Miller (2 Hatfield St.) to Boulton Watt & Co. (London St.). 8 Dec. 1821.  
*Docketed "Eclipse wants estimate of new boiler, iron and copper. Arrow has been launched."*
- 57.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Dec. 1821.  
*Docketed as 11 Dec.*  
*Docketed "Asks if May & Co. are to have discount. Remarks on paddle wheels wanted. Enquiry about James Watt's crank wheel. Crank shaft wheels for City of Edinburgh wanted for experiment."*
- 58a.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 12 Dec. 1821.  
*Enclosing (b) below.*  
*Docketed "Order for waste steam pipe, Royal Sovereign."*
- b.** Letter. J. Johnston (Engineer, *Royal Sovereign George IV*, Holyhead) to William Murdock (Soho). 4 Dec. 1821.
- 59.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 12 Dec. 1821.  
*On the same sheet:*  
Memorandum. For the *Royal Sovereign* Steam Packet. 10 Dec. 1821.  
Sketch. *Royal Sovereign's* paddle wheel. 10 Dec. 1821.  
*Docketed "Order for paddle wheels to the Royal Sovereign. Sketch of shaft and wheels."*
- 60.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Dec. 1821.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 15 Dec. 1821.  
*Docketed "On strengthening James Watt's crank wheel. Particulars of Mr. Blanker's engine wanted – his credit. On strengthening City of Edinburgh's wheels with wrought iron. Mr. Mylne reckons 10 lbs. to the gallon and 54 gallons to the hogshead. Sketches of 6 and 8 horse engines wanted. Copper boiler put together."*
- 61.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Dec. 1821.  
*Docketed "Cocks, gauges etc. sent wrong. To be advised of in future. Letters not to be sent to London as is about to return."*
- 62.** Letter. James Watt Jr. (Soho) to William Creighton (Soho). 23 Dec. 1821.  
*Docketed "Mr. Mylne thinks of single engine for Lichfield Water Works. Has got plan and levels."*

**63.** Memorandum. Observations on crank wheel for *City of Edinburgh* vessel. Soho Foundry, 29 Dec. 1821. *William Creighton's memorandum of a meeting between James Watt Jr., William Murdock, William Murdock Jr. and himself.*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 209**

**3/69 Letters to William Creighton, 1822 (67 items)**

1. Card cover.  
*Marked "Mr. Watt 1822."*
2. Memorandum. Made with Mr. Murdock and Mr. Creighton. 18 Jan. 1822.  
*Docketed "Paddle wheels of Meteor, ditto Royal Sovereign, ditto City of Edinburgh, ditto Navy tow vessel."*
3. Letter. James Watt Jr. (Aston) to William Creighton (Soho). 15 Feb. 1822.  
*Docketed "Moerdyke boiler."*
4. Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Apr. 1822.  
*Docketed "Mr. Lang's directions for the paddle wheels of Navy tug. The vessel to be launched and the materials delivered within a month from this date. Favourable account of the vessel. Size of engines for third Holyhead steamer yet undetermined. The City of Edinburgh sailed on its first voyage this year. The James Watt to be tried on Saturday."*
5. Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Apr. 1822.  
*Docketed "The City of Edinburgh has broken one of the side beams off Harwich. Mr. Brown gone with some of our men to assist them. Advise strengthening the side beams and sending two new ones. Wish Mr. William Murdock to come to Town to inspect the paddle wheels of the James Watt."*
6. Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Apr. 1822.  
*Docketed "The Post Office determine on two 40 horse engines for the third Holyhead steamer. Length of engine room and weight of materials. Suggestions with regard to the construction of the engines. The vessel to be built at Deptford under Mr. Lang's directions."*
- 7a. Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Apr. 1822.  
*Enclosing (b) below.  
Docketed "Tooth broken out of the large connecting wheel of the James Watt in turning it round. John Walker superintending the fitting in of a new one. The vessel to be tried on Sunday. Accounts of the City of Edinburgh from Mr. Brown at Harwich. Pins with double nuts ordered for the diagonal stays of the James Watt."*
- b. Letter. William Bennett (Blackwall) to James Watt Jr. [London]. 25 Apr. 1822.  
*Docketed "Breakage of a tooth in one of the large connecting wheels of the James Watt."*
8. Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Apr. 1822.  
*Docketed "Mr. Brown's report of the breaking of the beam of the City of Edinburgh. Order two spare beams of increased strength. The beams of Navy tug engines to undergo consideration. The main gudgeons also. The new tooth put into the large connecting wheel of the James Watt. Mr. William Murdock to go to Blackwall. Farther directions about the Navy tug paddle wheels."*

- 9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Apr. 1822. 2 sheets.  
*Letter continued on 29 Apr.*  
*Docketed "Attempt at trial of the James Watt at Long Reach. Breakage of air pump gudgeon and side beam. One of the boilers injured by letting out the water. Speed of vessel  $8\frac{3}{4}$  miles per hour at  $29\frac{1}{2}$  strokes per minute. The girdling has made the vessel over-stiff. Shake in the vessel increased by the straight paddles. Mr. Bennett and W. Warley to go the first voyage."*
- 10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Apr. 1822.  
*Letter continued on 30 Apr.*  
*Docketed "Experiments with the Moerdyke ferry boat. Speed 6 miles per hour, consumption of coals 2 bushels. Supply of cement ordered for London. Approve of the proposed increase of strength in the 40 horse beams."*
- 11.** Memorandum. "Mr. Watt at Soho Foundry." 3 May 1822.  
*In William Creighton's hand.*  
*Docketed "Resolutions about the Holyhead vessel no. 3. Present Navy tug. Rotterdam vessel engine."*
- 12.** Memorandum. "Mr. Watt & Mr. Murdock, Soho Foundry." 31 May 1822.  
*In William Creighton's hand.*  
*Docketed "Rotterdam engines to have boxes on top of cisterns."*
- 13.** Letter. James Watt Jr. (London St.) to William Creighton (Soho). 4 Jun. 1822.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 4 Jun. 1822.  
*Docketed "3<sup>rd</sup> Holyhead boiler – height and size of steam box settled. Ditto size of paddle wheels and diameter of shafts. New River in treaty for London Bridge water. City of Edinburgh's boiler red hot."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Jun. 1822.  
*Docketed "Mr. Lee's visit to Aston. 32 horse engine proposed for Philips. Holyhead boat cast iron beams. Ditto drawings making. Mr. Freeling gone to Edinburgh. City of Edinburgh's boiler got repaired. Mr. Hawker visiting steam vessels. Drawing of Chelsea pump wanted."*
- 15.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 8 Jun. 1822.  
*Docketed "Supposes Holyhead boat had been stopped. Alteration to be made."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Jun. 1822.  
*On the same sheet:*  
Sketch. Third Holyhead steam packet shafts. 8 Jun. 1822.  
*Docketed "Paddle wheels Holyhead 3. Wilkinson and Bonus wanted in London. Rotterdam boiler arrived. James Watt passage 51 hours."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Jun. 1822.  
*Docketed "Enquires whether neck of shaft Navy tug is  $8\frac{1}{4}$  inches and Holyhead figured  $8\frac{3}{4}$ . Enquiry about Harley's wages. Tug going on rapidly, the sections of new ones expected. City of Edinburgh arrived at Leith. Jessop & Co. offer cheap engines. New River and London Bridge Cos. Philips' 40 horse engine."*
- 18.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Jun. 1822.  
*Docketed "Diameter of shaft – Ourscamp. Mr. Murdock on working gear. Cannot answer about boilers. Getting cheap pipes proposed. Navy tug necks preferred. City of Edinburgh arrived, screws loose."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jun. 1822.  
*Docketed "Ourscamp shaft not fixed. Holyhead 3 necks will be settled. Observations on Balston's proposed boiler. Holyhead feed pipes right. Observations on Mr. Pearson's son. Proposes to return tomorrow. Post Office account settled satisfactorily. Navy tug done in a week. Correspondence with Barclay & Co. Lord Melville broke down."*

- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Jun. 1822.  
*Docketed "With copies of accounts – City of Edinburgh and James Watt. City of Edinburgh's paddle necks only 8 1/8 inches."*
- 21.** Memorandum. "Respecting Holyhead Steamer No. 3, with two 40 horse engines."  
Soho, 26 Jun. 1822.  
*In James Watt Jr.'s hand. Memorandum of meeting with William Creighton and William Murdock Jr.*  
*Docketed "Memorandums respecting Holyhead Steamer No. 3."*
- 22.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Jul. 1822.  
*Docketed "Experiments with Comet. Considerable shake by wheels. New stays for beams making. Excess of draft 4½ inches. Proposal for reusing shafts."*
- 23.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Jul. 1822.  
*Docketed "Southwark Water Works scheming. Prices of engines etc. wanted. Cost of Regent's Canal wanted. Drawings of Lambeth wanted."*
- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Jul. 1822.  
*Docketed "Comet towing the Russell. Comet shakes considerably. New headstocks? Eccentric rods for Holyhead, plain. Comet may have to attend the King."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Jul. 1822.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "On the complaints made by the agent at Holyhead. Sillem & Grantoff require time for delivery of Caledonia boiler not to exceed 6<sup>th</sup> Oct. Sends copies of correspondence with Lunell & Co. Drawings of Lambeth Water Works received. The Borough likely to have an engine of same power. Comet to have additional stays to beams to remove the shake. Considerations about raising the shafts of Comet."*
- 26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jul. 1822.  
*Docketed "Wants Mr. Walker's letter about London Bridge Water Works. Comet going to be painted. Comet and another vessel wanted for King's voyage to Scotland. 3<sup>rd</sup> Holyhead getting forwards. Are drawings of 2<sup>nd</sup> tug received? Rotterdamer to be tried this day. Venus beaten by Hero and more power wanted."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jul. 1822.  
*Docketed "Speed of King of the Netherlands [formerly Rotterdamer] with altered paddles."*
- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Jul. 1822.  
*Docketed "James Watt about to be hired for the King's voyage. Estimate of new cylinders wanted for Venus. Soho price of copper boilers. Price of Foundry 14 horse engine. Sections of 2<sup>nd</sup> tug were sent."*
- 29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Jul. 1822.  
*Docketed "2<sup>nd</sup> trial of Rotterdam boat. New headstocks proposed. James Watt's passage from Leith. Beams of ditto putting on and paddles altering."*
- 30.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jul. 1822.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Remarks upon the propriety of lowering the shafts in the King of the Netherlands and order for new headstocks."*
- 31.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jul. 1822.  
*Docketed "Rotterdam headstocks to be altered. Ambassador's party pleased with the vessel. Mr. Murdock returning. Coming to Soho with Mr. Mylne."*

- 32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Jul. 1822. 2 sheets.  
*On the same sheets:*  
Transcript of letter. James Watt Jr. for Boulton Watt & Co. (13 London St.) to William Chadwell Mylne (New River Head). 20 Jul. 1822.  
Memorandum. Experiment at London Bridge Borough Water Works. 26 Jul. 1822.  
Memorandum. Mr. Mylne's determination. Soho, 29 Jul. 1822.  
*Docketed "Copy of letter to Mr. Mylne with estimate of 36 horse engine and pumps for Borough Water Works. Order given by New River Co. Engine to be at work in 6 months. Experiment made on the pressure on the pipes. 29<sup>th</sup> July – Mr. Mylne determines to have the pump 22 inches' diameter."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Jul. 1822.  
*Docketed "Rotterdam headstocks to be sent by waggon. Copper boilers 7/- extra."*
- 34.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Aug. 1822.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 2 Aug. 1822.  
*Docketed "Southwark Water Works settling. Mr. Anderson to give estimate. Sketch plan wanted. Dasher's boiler is leaky and 2 men are wanted."*
- 35.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Aug. 1822.  
*On the same sheet:*  
Transcript of letter. William Chadwell Mylne (New River Head) to James Watt Jr. (Norfolk Hotel). 2 Aug. 1822.  
*Docketed "Order for Southwark Water Works from New River Co. Navy letter considering Mr. Laird to wait. On Ourscamp heating apparatus."*
- 36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Aug. 1822.  
*Docketed "Southwark sketch to Mr. Anderson. Suction pipe cannot be settled. Girdling of James Watt altering. 3 arms of ditto broke. A leak in eduction pipe. Comet grandly fitting up."*
- 37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Aug. 1822.  
*The docket is on a separate sheet, which has been attached to the letter.*  
*Docketed "Advise him to consult Mr. Boulton about Overbury's estimate of the old 14 horse engine. James Watt's alteration of girdling completed. Ordered to be attached to the Royal Squadron on the voyage to Leith. Cabins fitting up for the King. Mr. Brown to go with her. Mr. Bennett's return in the King of the Netherlands. Fresh leak in boiler of the James Watt."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Aug. 1822.  
*Docketed "Return of Rotterdam from Leith – coals burnt. Experiments with ditto proposed. Progress of King's Squadron. New River Co. got London Bridge Water Works."*
- 39.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Aug. 1822.  
*Docketed "James Watt at Scarborough and beyond. City of Edinburgh's crank wheel broke and a leak in the boiler. Proposal for leaving out dams. Progress of 3<sup>rd</sup> Holyhead wanted. Experiment made with Rotterdam."*
- 40.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Aug. 1822.  
*Docketed "Report of City of Edinburgh's progress. Breakage of crank wheel. Arrangements about coal. New wheel wanted. Observations on Mr. Overbury's offer. Tipton price of plates may be taken for Cazenove. No direct news from King's Squadron."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Aug. 1822.  
*Docketed "On protection of dams by brick. Bad account of Comet. Observations on leakage of boilers. Other makers' boilers do not complain. Leaving out bridges proposed. Sides of fires must be secured. Bad reports of Soho jobs."*

- 42.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Aug. 1822.  
*Docketed "Dasher ordered to London. Boiler makers wanted. Progress of Holyhead 3 wanted. All well on board James Watt. Southwark Water Works progress. Plan of ditto to be settled soon. Mr. Edwards takes the works."*
- 43.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Aug. 1822.  
*Docketed "Dasher arrived in Thames. Observations on heads of shafts. Holyhead to go complete. Will write about bolts of ditto. Bilge pumps must be had."*
- 44.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Aug. 1822.  
*Docketed "Observations on Dasher packet. Alterations of paddles of ditto. Bolts – Holyhead No. 3. London Bridge Water Works 66 inches. James Watt engaged to 31<sup>st</sup>."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Aug. 1822.  
*Docketed "Knows no reason for Soho Foundry increasing prices of castings. Southwark drawings arrived."*
- 46.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Aug. 1822.  
*Docketed "State of Dasher's boiler and repairs. Engines repairing of ditto. City of Edinburgh's boiler repairs. Voyage of King of the Netherlands. Ditto got beat by the Rapid. Apprehensions about Comet. Mr. Boulton about India House. Steam gauge glasses wanted."*
- 47.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Aug. 1822.  
*Docketed "Holyhead 3<sup>d</sup> finishing forward. Repairs of boilers. No more materials to Southwark till wanted."*
- 48.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Aug. 1822.  
*Docketed "On estimate of Foundry old engine. On cost of Rotterdam engines. Resident engineer at Holyhead unnecessary. Will consider about Buckle. Foundry to explain charges. City of Edinburgh boiler completed. Holyhead engines must work 9 Feb."*
- 49.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Aug. 1822.  
*Docketed "Repairs of Dasher's boiler completed by Richards. Mr. Bennett to go in her to Dover and return in the Arrow. Comet returned to Leith from the Morray Firth. King expected to embark at Queensferry on Thursday. Necessity of doing away with the present stay bolts and bridges in boilers. To be altered in Holyhead No. 3. Intention of returning home on Monday."*
- 50.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Sep. 1822.  
*On the same sheet:*  
Letter. James Brown (London) to William Creighton (Soho). 3 Sep. 1822.  
*Docketed "London & Edinburgh Co. propose vessel with 60 horse engines. Dasher makes about 8¼ miles per hour. Comet going for Lord Melville. Comet's defects in the boiler. Holyhead 3 coal boxes."*
- 51.** Memorandum. "Memorandums at Soho Foundry." 1 Oct. 1822.  
*In William Creighton's hand. Continued on 10 Oct. at Soho.*  
*Docketed "Mr. Watt, Mr. Murdock etc., Foundry, Oct. 1<sup>st</sup> 1822. About boiler parts of Holyhead No. 3 Vixen. 60 horse engines for Leith No. 3 – how to executed. Confirmation Oct. 11<sup>th</sup>."*
- 52.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Nov. 1822.  
*Docketed "Proceedings of boiler makers. Enquiry about power to King of the Netherlands. A scheme for another ship ditto. Several new orders in agitation."*
- 53.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Nov. 1822.  
*Docketed "Copy of Mr. Bennett's remarks on boat engines wanted. Wants surface of Leith 3 boat. 2 30 horse engines proposed for King of the Netherlands. Another scheme, for new vessel."*

- 54.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Nov. 1822.  
*Docketed "Observations on Leith No. 3 dams. Grate surface is too small. City of Edinburgh – good dams, James Watt's bad. Mr. Brown will explain the section of Leith No. 3. 3<sup>rd</sup> Holyhead out of dock in a week. City of Edinburgh coal boxes to be enlarged. 2<sup>nd</sup> Rotterdam vessel scheming. John Johnson's return."*
- 55.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Nov. 1822.  
*Docketed "Parcel by John Johnson. Margate & Gravesend boats want their accounts."*
- 56.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Nov. 1822.  
*Docketed "Estimate given to Navy still higher than other persons give. In good graces of Navy Board. Wonderful proposal of Evans. Leith No. 3 to be all ordered. A new Navy tug proposed."*
- 57.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Nov. 1822.  
*Docketed "Enquiry about Southwark suction pipe and reference to letters. Wants cost of materials soon."*
- 58.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Nov. 1822.  
*Docketed "King of the Netherlands to have 30 horse engines. Ditto drawings are preparing. 2<sup>nd</sup> Rotterdam vessel unsettled. Vixen accounts wanted."*
- 59.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Nov. 1822.  
*Docketed "Asks if Mr. Bennett will be useful. Return uncertain. Observations on Leith 3 boiler bottom."*
- 60.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Dec. 1822.  
*Docketed "Margate Co. propose new vessel with 40 horse engines. Southwark entablature too short."*
- 61.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Dec. 1822.  
*Docketed "London & Margate new vessel – 2 engines 40 horse ordered. Wanted to work May. Drawings preparing."*
- 62.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Dec. 1822.  
*Docketed "30 horse drawings King of the Netherlands sent. Engines to be pushed. Southwark entablature enquiry. Southwark account wanted soon."*
- 63.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Dec. 1822.  
*Docketed "Warley declines going to Holyhead. Buckle and another wanted. Sovereign's crank and steam box to go by land. Vixen to be tried on Friday. Ditto's time of sailing unknown."*
- 64.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Dec. 1822.  
*Docketed "New River ground not settled. Vixen to sail next week. Holyhead articles may be delayed one week. Mr. Brown has written about King of the Netherlands' shafts. Margate Co. order 40 horse engines. Southwark entablature beam? Ditto enquiry about pumps."*
- 65.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Dec. 1822.  
*Docketed "Trials of the Vixen. Great consumption of coal. Remarks upon it, on the engines and vessel."*
- 66.** Letter. James Watt Jr. (London) to William Creighton (Soho). 16 Dec. 1822.  
*Docketed "Preparations for Thomas Wilkinson's going. Buckle and William Wilkinson gone with the Vixen. New experiments on coal burnt by Vixen. Steam way and surface suspected. Letter from Mr. John Wood."*
- 67.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Dec. 1822.  
*Docketed "Proposes modes of stating the account with Southwark Water Works."*

**3/70 Letters to William Creighton, 1823-1824**

**(70 items)**

**1.** Card cover.

*Marked "Mr. Watt 1823, 1824."*

**2.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Feb. 1823.

*On the same sheet:*

Letter. James Brown (London) to William Creighton (Soho). 7 Feb. 1823.

*Docketed "No complaint of fire places known. Boilers to have fires altered. Margate bridges will be settled. To see Mr. Lang tomorrow. Feeding holes must not be less. Large coal used at Holyhead."*

**3.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 9 Feb. 1823.

*Docketed "Wants letters about Southwark Water Works and other particulars."*

**4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Feb. 1823.

*Docketed "T. Castle & Co.'s letter returned. Post Office order for two 40 horse engines to be erected at Falmouth. State of the erection of the engine at the Southwark Water Works."*

**5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Mar. 1823.

*Docketed "Post Office order 40 horse engines according to estimate. New vessels ordered for Ostend, the Dover packets proposed to be removed thither. Parcel not arrived. Mr. Mylne to settle on Thursday. Mr. Murdock in request. Southwark fly complained of."*

**6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Mar. 1823.

*Docketed "Estimate of Calcutta dredging engine and paddle wheels wanted. Wants papers relative to the Portsmouth & Arundel Canal. Letter to Mr. Reynolds – boat engine."*

**7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Mar. 1823.

*Docketed "Wants Varley's and Hollinsworth's letters in the Portsmouth & Arundel affair."*

**8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Mar. 1823.

*Docketed "Portsmouth papers received. Some more wanted. Southwark fly wheel not true. East India letter about dredging wanted."*

**9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Mar. 1823.

*Docketed "Documents wanted in the affair of the Portsmouth & Arundel Canal, particularly the vouchers for Varley's time."*

**10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Mar. 1823.

*Docketed "Ourscamp letter sent with a correction. Advance of price on copper. Cannot leave London for some days. Portsmouth letter of advice wanted. Mr. Murdock got a cold."*

**11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Mar. 1823.

*Docketed "Sends copy of letter to East India Co. with dredging estimate."*

**12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Mar. 1823.

*Docketed "Opinion of Weston Teasdale & Symes on the Portsmouth & Arundel Canal debt. Enquiry about new boiler and estimate. New River Co. order 66 inch engine. Southwark fly not completed. Decay of iron pipes through strips. Copper hold-down bolts proposed. Mr. Everitt should be spoken to."*

**13.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Mar. 1823.

*Docketed "Dover steam pipes to be copper. Ditto, no drawings ready yet. Another letter from Mr. Williams. Orders for Navy Tug 2 to be given out."*

**14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Mar. 1823.

*Docketed "Result of conference relative to Portsmouth & Arundel Canal. Estimate given of a boiler. Part of Varley's time given up. Engine may want inspecting and boiler a new bottom. Mr. Mylne wants estimate of copper boilers for 66 inch engine."*

- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Apr. 1823.  
*Docketed "Montvoisin & Perrin considered not very responsible. Sends copy of letter to them. Heath Son & Furse drawn upon for £821."*
- 16.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Apr. 1823.  
*Docketed "Rohde's new boiler. Explanations required of Mr. T. Houldsworth's account. Order confirmed for the 3 pairs of GB 40 horse engines. Time allowed for execution. Darthez & Co. want estimates of two 15 horse engines for a steamer. Report of the Moerdyke engines and new ones making and Francis Taylor's drunkenness. King of the Netherlands ready for trial."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 26 Apr. 1823.  
*Docketed "Returns in a few days and will settle about Sheerness boiler. King of the Netherlands goes 8¾ miles per hour. Death of Mr. Simpson. Not able to see Mr. Houldsworth. Mr. Mylne cannot remove the party walls."*
- 18.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 2 May 1823.  
*Docketed "On sending the copper boiler for Sovereign to Bristol."*
- 19.** Letter. James Watt Jr. (Birmingham) to William Creighton [Soho]. 5 Jul. 1823.  
*Docketed "Copper chimney to be made for Sovereign."*
- 20.** Letter. James Watt Jr. (13 London St.) to William Creighton (Soho). 10 Jul. 1823.  
*Docketed "New River model arrived, damaged. New River driving piles for well. Alterations of Albion's paddles and chimney."*
- 21.** Letter. James Watt Jr. (London) to William Murdock or William Creighton [?] (Soho). 15 Jul. 1823.  
*The outside of the letter is addressed to Boulton Watt & Co., but the letter begins "Dear Sir." "Mr. Murdock" been added to the outside in pencil, but the docket is in William Creighton's hand. Docketed "Bad performance of Albion. Chimney + 8 feet. Number of strokes. Gone to Margate. Returning to Soho. Soho boiler much suspected."*
- 22.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Aug. 1823.  
*Docketed "Carpenters' work of Soho behind. Observations on Sovereign's stay bolts. Sends extracts from Holyhead letters. Report of Lord Melville and Lord Liverpool being for sale. Darthez want to know time. Lord Liverpool's consumption of coals."*
- 23.** Memorandum. Experiments with the Soho, commencing 3 Sep. 1823.  
*Sent with James Watt Jr.'s letter of 6 Sep. below.  
Docketed "Voyage of Soho steam boat to Dover and back, Sep. 3,4, 5, 6<sup>th</sup>. Draft, velocity, adventures. 10.03 miles per hour in still waters."*
- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Sep. 1823.  
*Docketed "Sends account of steam boat Soho's voyage."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Sep. 1823.  
*Docketed "Soho steam boat – coals burnt, enquiry about height of shafts – further draft by passengers. Additional knees ordered. No more alterations this season."*
- 26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Sep. 1823.  
*Docketed "Extracts from Holyhead reports sending to Soho. Francis Taylor – return and conduct. Model of 66 inch engine returning."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Sep. 1823.  
*Docketed as 7 Sep.  
Docketed "Observations on blunders with Soho steam boat. Terms between Lonergan's and John Jordan. Darthez think time long. Asks about theory of Vixen's boiler."*

- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Sep. 1823.  
*Docketed "Steam gauge for J. D. Thomson. Navy order engine for Sheerness. Sends report on Comet's boiler. Much breakage at steam boats. Sovereign's chimney too short."*
- 29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Sep. 1823.  
*Docketed "Milford engine to go with boiler. John Harrison cannot be spared, it is supposed. Observations on order for Sheerness. Scheme for side rods, to try. Proposes to leave London on Sunday. Soho does not go till next week, some knees being wrong."*
- 30.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 3 Nov. 1823.  
*Docketed "Sort of answer to Darthez. Albion boiler to be altered. About boiler repairing."*
- 31.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 10 Nov. 1823.  
*Docketed "On sending New River boilers. Charge to be made to Albion."*
- 32.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 25 Nov. 1823.  
*Docketed "Charge for Albion shafts."*
- 33.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 28 Nov. 1823.  
*Docketed "Time for 2 engines 10 horse wanted. Proposes a copper boiler."*
- 34.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 10 Dec. 1823.  
*Docketed "Boiler makers to be sent off. Navy engines to have plumber blocks."*
- 35.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 19 Jan. 1824.  
*Docketed "Drawings of Albion boiler returned. Sends a letter for Mr. Bennett. Will send copy of Capt. Stevens' letter."*
- 36.** Letter. James Watt Jr. (London) to William Creighton (Soho). 23 Jan. 1824.  
*Docketed "Soho shafts to be lowered. Soho estimates wanted. Answer queries to Southampton. 2 men arrived."*
- 37.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Jan. 1824.  
*On the same sheet:  
Sketch. Plumber block for the Soho.  
Docketed "Observations on scheme for Soho plumber block. Estimate wanted for ditto. Cinderella engine at work. Post Office want a copper steam pipe. Dimensions and weight of ingots wanted. Mr. Piper wants estimate of 30 horse engine and pumps."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Jan. 1824.  
*Docketed "Soho plumber block sketch will do. Soho articles returning for altering. Proposes to leave on Wednesday."*
- 39.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 17 Feb. 1824.  
*James Watt Jr. did not note where he was writing from, but Creighton docketed the letter as being from Aston.  
Docketed "Report of water being out of Sovereign's boiler on passage to Milford. Speed of Milford boat satisfactory. Has no faith in grease doctor."*
- 40.** Letter. James Watt Jr. (Leeds) to William Creighton [Soho]. 27 Mar. 1824.  
*Docketed "Wants experiments by Mr. Lawson with indicator at Mr. Gott's."*
- 41.** Letter. James Watt Jr. (York) to William Creighton [Soho]. 3 Apr. 1824.  
*Creighton has noted that this letter was postmarked 5 Apr.  
Docketed "Ingle to have instructions at New River Head. Mr. Gott wants estimate of 80 horse engine. Manchester end of week."*
- 42.** Letter. James Watt Jr. (Manchester) to William Creighton [Soho]. 7 Apr. 1824.  
*Docketed "Has wrote to Mr. Boulton from Leeds. Parcel of 3<sup>d</sup> received. Project for going to Glasgow."*

- 43.** Letter. James Watt Jr. (Manchester) to William Creighton [Soho]. 9 Apr. 1824.  
*Docketed "Has got Leeds parcel but not Mr. Boulton's letter. Going to Stalybridge. Mr. Gott wants more estimates. Visit to Mr. McRae."*
- 44.** Letter. James Watt Jr. (Manchester) to William Creighton (Soho). 12 Apr. 1824.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to the Chairman & Board of Directors, New River Water Works [London]. 13 Apr. 1824.  
*Docketed "Copy of letter to New River Co. Stalybridge engines doing well. Cheetham's probably may have 40 horse engine. Not time to write on Sovereign's boiler. Mr. Boulton's letter received."*
- 45.** Letter. James Watt Jr. (Manchester) to William Creighton (Soho). 13 Apr. 1824.  
*Mis-dated by Watt as 14 Apr.*  
*Docketed "Letter of 9<sup>th</sup> received. Has wrote to Oxford Road Twist Co., also B. Gott & Sons. Mr. Murray proposes repairs. Account of J. Kennedy's engine. Slow progress with Mr. McRae."*
- 46.** Letter. James Watt Jr. (Manchester) to William Creighton (Soho). 13 Apr. 1824.  
*Docketed "Oxford Road Twist Co. order 80 horse engine. Harrison's want a plate. Liverpool dock engine wants repair. Mr. Ewart wants estimates. Mr. Kaye has had no estimate. Room for 14 horse boat engine wanted."*
- 47.** Letter. James Watt Jr. (Manchester) to William Creighton (Soho). 15 Apr. 1824.  
*Docketed "30 horse air pump valves noisy. Mr. Pooley wants estimate of 14 horse engine. Leaves 16<sup>th</sup> for Tean Hall."*
- 48.** Transcript of extract of letter. James Watt Jr. [London] to M. R. Boulton [?]. 12 May 1824.  
*In M. R. Boulton's hand. Docketed by Creighton.*  
*Docketed "Mr. Watt, London, May 12 1824. Harlequin boiler reported to be 5.0 feet shorter than Cinderella, and much lower."*
- 49.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 15 May 1824.  
*Docketed "Experiments with Navy Meteor. 10.1 miles per hour, 10 bushels of coal, strokes 27, 28, draft 8 feet 10 inches to 9 feet 5 inches. Vessel very strong and steady. Deptford ship builders very well satisfied with the vessel. Woodwork in backward state. Comet doing very well. Albion ready on Wednesday. Soho has too much steam."*
- 50.** Letter. James Watt Jr. (London) to M. R. Boulton (Soho). 17 May 1824.  
*On the same sheet:*  
Memorandum. Statement of Four Passages made by each of the Milford Steam Vessels.  
*The memorandum is in James Brown's hand.*  
*Docketed "Upon the comparative consumption of coals by the Harlequin and Cinderella. Mr. Brown making sketches for new boilers with supposed improvements. Mr. Brown making sketches for boiler of new Milford."*
- 51.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 18 May 1824.  
*Docketed "Consumption of coal by the London and Edinburgh steamers 1823. City of Edinburgh 9½ cwt. per hour, James Watt 10¾, Soho 9. Particulars for 1824 procuring. Coal used at Milford is partly Scotch and Forest of Dean. Harlequin deserves consideration. Albion boiler has got good draft."*
- 52.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 May 1824.  
*Docketed "Observations on reports of Capt. Goddard and Minchin. Contradictions irreconcilable. Proposal for going to Holyhead. Mr. Ewart completed suction pipe. Motion in House of Commons for papers about Sovereign's boiler."*
- 53.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 May 1824.  
*Docketed "Trial of Albion boiler. Draft of water, paddle dip. 9 1/3 miles per hour, 10 bushels of coal. Proposal to take up paddles. Committee appear satisfied."*

- 54.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 May 1824.  
*On the same sheet:*  
Transcript of extract of letter. Capt. — Rogers [Milford] to James Watt Jr. [London]. — May 1824.  
*Docketed "Capt. Rogers' report of trial of Harlequin, Cinderella and Aladdin. Diameters of cylinders, paddles etc. Proposal for middle bearings to shafts."*
- 55.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 22 May 1824.  
*Docketed "New River engine now wanted to be set to work. Mr. Murdock expected. An Albion slide valve wrong. Mr. Gott's indicator to be put in repair."*
- 56.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 May 1824.  
*Docketed "Wishes to see Mr. Boulton about Sovereign's boiler."*
- 57.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 May 1824.  
*Docketed "Improvements on boilers in agitation. New River engine worked by hand, up to Cheapside – to great load apprehended by Mr. Murdock. Southwark Water Works foundations giving way. Dasher's slide valve wanted. James Bonus not wanted in London at present."*
- 58.** Letter. James Watt Jr. (London) to William Creighton (Soho). 1 Jun. 1824.  
*Docketed "Mr. Brown gone with Albion. Albion – another set of grate bars, addition to chimney. New River entablature bends."*
- 59.** Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Jun. 1824.  
*Docketed "New River engine worked by hand – a few things to complete. Albion boiler does well. Letter to Post Office on Sovereign's boiler given. Cinderella's account delivered."*
- 60.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Jun. 1824.  
*Docketed "Suction pipe Broken Wharf is not tight – want Wilkinson. Account wanted – New River. Account wanted – Navy Meteor. Post Office scheme for 140 horse engines. Coals burnt in May – Harlequin 108 tons, Cinderella 154, Aladdin 199. Vessels going to Holyhead. Foundry blowing cylinder on floor. Experiments on GB boiler wanted."*
- 61.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Jun. 1824.  
*On the same sheet:*  
Transcript of letter. William Buckle (Holyhead) to James Brown. 4 Jun. 1824.  
*Docketed "Copy of letter from Buckle. Sovereign – 6 hours 40 minutes, coals 42 cwt. 21 lbs., 9 miles per hour; 6 hours 53 minutes, coals 44¾ cwt., 8.7 miles per hour. Boiler does work very well. Speed about 28 strokes. Extracts sent to House of Commons."*
- 62.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 10 Jun. 1824.  
*Docketed "Sovereign's iron boiler must not differ much from the former one. Sends sketch of what is proposed. Supposes may be rather wider."*
- 63.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Jun. 1824.  
*Docketed "Sends sketch for altering the GB boiler No. 2."*
- 64.** Memorandum. "Memorandums for a Steam Vessel of 140 horses power." 20 Jun. 1824.  
*In James Watt Jr.'s hand.*  
*Docketed "Mr. Watt, London, 20 June 1824. Memorandums relative to the Post Office 70 horse boat engines."*
- 65.** Letter. William Bennett (Soho) to James Watt Jr. (—). 4 Aug. 1824.  
*Docketed "Mr. Watt's memorandum of the price of 6 horse blowing engine at the Broomielaw, Glasgow – offered to Mr. H. Gore, 4 Aug. 1824."*

**66.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Dec. 1824.  
*Docketed "Application from Mr. Richards for boat engine, Lake of Geneva. Add 5 per cent for extras. Milford scheme of removing engines given up. Mr. Freeling can allow 3 or 4 weeks more for Crocodile. City of Edinburgh for experiments. Capt. O'Brien ordered from Fearnall. Sons of Commerce headstocks wanted."*

**67.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 Dec. 1824.  
*Docketed "Engine for C. Mackintosh & Co. Proposal for 30 horse bell crank. Mr. Laird 140 horse by Maudslay – price and time. Mr. Laird will want other engines. Letter for Mr. Mylne."*

**68.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 31 Dec. 1824.  
*Docketed "Baring Bros. & Co. order 30 horse engines for a tow boat, time supposed 6 to 8 months. 20 horse engines at liberty. Drawings of above by Mr. Brown. Order to be kept secret."*

**69.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 31 Dec. 1824.  
*Docketed "Opinion of Everitt. Wants copies of letters. No order from him for payment."*

**70.** Letter. James Watt Jr. (London) to William Creighton (Soho). 31 Dec. 1824.  
*Docketed "Estimates given to Lausanne Steam Packet Co. Some particulars of ditto. Present vessels perform ill. Haldimand gone to Fawcett, and already repent. Information wanted – declined."*

**3/71 Letters to William Creighton, 1825 (29 items)**

**1.** Card cover.  
*Marked "Mr. Watt 1825."*

**2.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 1 Jan. 1825.  
*Docketed "Wants copy of instructions brought by J. Webster."*

**3.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 4 Jan. 1825.  
*Docketed "Asks if 20 horse engines have been offered to Zürmüller. If not, proposed for land? Everitt has paid for engine. Dowsberry's affidavit wanted."*

**4.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 5 Jan. 1825.  
*Docketed "Wants copy of letter to the Dublin & London Steam Packet Co."*

**5.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 8 Jan. 1825.  
*Docketed "Proposed removal of engines at Milford given up. Meteor new boiler ordered – time to be lowered in boat. Meteor and Ivanhoe to be sent to Weymouth. Weymouth No. 1 – 30 horse engines ordered. Milford – another 2 40 horse engines ordered. Time for above 9 to 10 months. Ivanhoe will want new boiler. Mr. Freeling informed of rise of price."*

**6.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 15 Jan. 1825.  
*Docketed "With schemes for new boilers of Post Office Meteor and Dasher, and remarks upon them."*

**7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jan. 1825.  
*Docketed "To see Mr. du Thon on Thursday. Observations on the time, ditto on behaviour of Haldimand. Explanation wanted of estimates of 14 and 30 horse engines. About getting Glasgow Water Works pumps from Coalbrookdale."*

**8.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 19 Jan. 1825.  
*Docketed "Proposed advance of prices. Estimates of 30 and 40 horse boat engines given to Post Office. Mr. Freeling expects pair of 30 horse engines and 2 pairs of 40s in September. Estimate to Post Office of 20 horse boat engines. Mr. Van der Hoop's vessel – Mr. Baring wishes shipping included in the charge. Maudslay's prices 20 and 40 horse engines. Mr. Boulton's letter under consideration. Proposed return on Saturday or Sunday. Post Office 40s same as Crocodile – Mr. Graham builds vessels. Mr. Brown gone to Harwich."*

- 9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Jan. 1825.  
*Docketed "Conference with Mr. du Thon. Size of boat and scheme for having it longer. Wanted ready in Apr. 1826. Estimate delivered in London. Estimate of 14 horse engine, ditto land 14 horse and foreign 30 horse. Taunton C. [Canal?] may have 33 1/3 inch cylinder."*
- 10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Feb. 1825.  
*Docketed "Proceedings relative to Mr. Laird and Dixon for boat engines. Prices of building procuring. Mr. du Thon proposes 14 horse engine. Enquiry about Webster's application."*
- 11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 19 Feb. 1825.  
*Docketed "Calcutta engine to remain at Soho till orders are received. East India Co. to be advised. Enquiry about letter to Mr. Zermüller. Prices given to M. du Thon of 10 and 14 horse engines. Navy not inclined to share 40 horse engine. Estimate given Mr. Laird & Dixon. Maudslay's price for same power."*
- 12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Feb. 1825.  
*Docketed "Haldimand & Sons pay for M. du Thon's machinery. 14 horse engines proposed. Crocodile boiler too large. Broken Wharf engine does well."*
- 13.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Feb. 1825.  
*Docketed "Observations of Thomas Wilkinson on the Ourscamp complaints. Has written to M. du Thuret. Wants copy of account for a second letter. Wilkinson gone back to Sheerness. Mr. Boulton gone to Tew."*
- 14.** Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Feb. 1825.  
*Docketed "Directions for Post Office Meteor boiler. Mr. van der Hoop wants drawing. Du Thon, clumsy drawings received, improvements proposed."*
- 15.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Mar. 1825.  
*Docketed "Result of calculations for the Neufchatel boat. Proprietors to be consulted. Van der Hoop's drawings sent. Drawings for Liverpool boiler made. Cinderella fails in speed and burns more coal. Harlequin twisted a shaft. Aladdin's boiler wants repair. Cinderella all work to do. Sovereign's boiler gets worse. Crocodile ready in 3 weeks. Meteor's boiler much wanted."*
- 16.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 3 Apr. 1825.  
*Docketed "Mr. Walker coming to Soho, ditto cannot go to Bristol."*
- 17.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Apr. 1825.  
*On the same sheet:  
Sketch. Section of Leman steam boat for Dr. Verdeil.  
Docketed "Crocodile not yet to be had. Drawings for Leman steam boat making. Doubt about cranks or wheels. Section of the vessel."*
- 18.** Transcript of letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 12 Apr. 1825.  
*The original was sent with James Watt Jr.'s letter to Creighton below, and was almost certainly given to M. R. Boulton.  
Docketed "Draft of Crocodile – paddles on [?]. Strokes 27 to 28, boat steady. Coals burnt and water evaporated. Velocity about 10 miles per hour. Result of whole – 5.8 cwt. per hour; Evaporation 19.8 cubic feet per cwt.; Water per hour 115 cubic feet."*
- 19.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Apr. 1825.  
*Docketed "To meet committee of the Kent Water Works tomorrow. Sovereign arrived. Dasher and Arrow sailed. Eclipse plates much wanted."*
- 20.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 14 Apr. 1825.  
*Docketed "The Trinity [House] resolve on 20 horse engine. Order for Sovereign's new wheels."*

- 21.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 15 Apr. 1825.  
*On the same sheet:*  
Transcript of extract of letter. Capt. W. Bain (Newhaven) to James Watt Jr. [London]. 13 Apr. 1825. *Docketed "City of Edinburgh burnt 10 bushels of coal in the Thames. Great consumption at sea. Letter from Capt. Bain – 48 bushels."*
- 22.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 26 Apr. 1825.  
*Docketed "Proceedings with Col. Twent. 140 horses proposed, ship built in the Thames – estimate given. 11<sup>d</sup> per lb. offered for Sovereign's boiler. Dr. Verdeil's drawings not ready. Navy orders for 50 horse engines to be ready in 15 months. Navy disposal of 40 horse engines considering."*
- 23.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 26 Apr. 1825.  
*On the same sheet:*  
Memorandum. Experiments made at the West Middlesex Water Works. 24 Apr. 1825.  
*Docketed "West Middlesex propose engine. Experiments on pressure on pumps. Some alteration in mains. 64 inch, 8 foot stroke preferred. Proposed new pumps for the present engines, estimate wanted. Time for new engine 15 to 18 months or less if 64 inch on hand is used."*
- 24.** Letter. James Watt Jr. (London) to William Creighton (Soho). 29 Apr. 1825.  
*Docketed "On getting rid of 64 inch engine to West Middlesex Water Works. Wants letter from Kent Water Works. Bridgewater beam cast out. Currie's drawings received. Alteration of Brandram's plan. Blacking for Crocodile bad. Water gauges lowered 7 inches. Sovereign's boiler bought at 11<sup>d</sup>."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Apr. 1825.  
*Docketed "Further estimate wanted for West Middlesex Co. Sovereign's chimney wanted. Webster gone back."*
- 26a.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 6 May 1825.  
*Enclosing (b) and (c) below.*  
*Docketed "Sends letters about City of Edinburgh. Boiler bridges in bad state. Coals burnt 26½ bushels per hour. Observations on the occurrences. Returning from London."*
- b.** Letter. Capt. W. Bain (City of Edinburgh Steam Packet, Leith Roads) to James Watt Jr. (Norfolk Hotel, Strand, London). 27 Apr. 1825.  
*Docketed "Experiments tried and consumption of coals upon the passage to Leith."*
- c.** Letter. Capt. W. Bain (City of Edinburgh Steam Packet) to James Watt Jr. (Norfolk Hotel, Strand, London). 4 May 1825.  
*Docketed "Has put a damper into the chimney. Consumption of coal upon his return passage. Leaks in the bridges etc., attributed by him to bad iron. NB – these no doubt were occasioned by the hard firing upon the 9<sup>th</sup> to 11<sup>th</sup> April."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 28 May 1825.  
*Docketed "Mr. Brown gone to Harwich. Stay in London till Tuesday. Terms for copper boiler satisfactory. Great disappointment as to time for Post Office orders. Mr. Freeling understands Ivanhoe boiler is an order. Maudslay and Fawcett supposed to be in a backward state."*
- 28.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 17 Jun. 1825.  
*Docketed "Copy of correspondence with Castle & Co. etc. wanted."*
- 29.** Memorandum. Haldimand & Sons – Two 14 horse Boat Engines: Duplicate Tools etc. 1 Aug. 1825.  
*Docketed "Mr. Watt, Soho Foundry, 1<sup>st</sup> Aug. 1825. List of duplicate tools etc. – Haldimand & Sons 14 horse, ditto 30 horse, Baring Bros. & Co. 30 horse."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 210**

**3/72 Letters to Boulton Watt & Co., William Creighton, 1826 (59 items)**

**1.** Card cover.

*Marked "Mr. Watt 1826."*

**2.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 8 Jan. 1826.

*Docketed as 6 Jan: "Observations on Lloyd's business. All accounts should be sent in."*

**3.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Feb. 1826.

*Docketed "Plate Glass Co. want estimate of 30 horse engine. Mr. Ewart's proceedings backward. Neale's account wanted. John Porter arrived. New River good performance. Thetis ready in a fortnight. Deffel's boiler wanted. Dasher's account wanted."*

**4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Feb. 1826.

*Docketed "Has wrote to Mr. Boulton about Neale's. Several invoices wanted. Complaint of invoices being long in arriving."*

**5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Feb. 1826.

*Docketed "Deffel's boiler much wanted. All cross bars of wrought iron. Rochester Canal to be soon done. Perkins & Adams squabbling. Thetis about to be tried."*

**6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Feb. 1826.

*On the same sheet:*

Transcript of letter. Brown & Marten (Mincing Lane) to James Watt Jr. 23 Feb. 1826.

Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Feb. 1826.

*Docketed "Wants particulars of letters with Mr. Craven. Mr. Rennie – estimate of 14 horse engine, ditto about orders for 40 horse engines, Deptford."*

**7.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 3 Mar. 1826.

*Docketed "Trinity dredging engine wanted. Hunter & English making progress."*

**8.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Mar. 1826.

*Docketed "Thetis to have wrought iron frame. Pattern for lower pillars and top to go on. Shannon launched yesterday and deputies in tolerable humour. Navy to have letter from Soho, ditto a report on the 50 horse engines."*

**9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 13 Mar. 1826.

*Docketed "Has seen Comptroller of the Navy. Vessel not ready and engines are not to be sent at present. 50 horse engines wanted, but more time is proposed."*

**10.** Letter. James Watt Jr. (Kington) to William Creighton (Soho). 20 Mar. 1826.

*The docket is on a separate sheet, which has been attached to the letter.*

*On the same sheet as the letter:*

Transcript of letter. Boulton Watt & Co. to William Laird [Liverpool].

*Docketed "Mr. Freeling ordered iron boiler for the Arrow – make by Mr. Laird? Ditto spare boiler for Holyhead 40 horse engines, ditto spare boiler for Thetis or Dolphin's 70 horse engines. Drawings making in London: Boiler, 2<sup>nd</sup> pair of 80 horse; Boiler, Navy 50 horse; Boiler, Gravesend 20 horse; Boiler, Margate 60 horse; Boiler, Hoogly 60 horse. 80 and 50 horse to be done first. Adjusting screws for Thetis. Letter to send Mr. Laird."*

11. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 25 May 1826.  
*On the same sheet:*  
 Sketch. Stays of the *Thetis*.  
*Docketed "Particulars of Thetis's stays. Draft of water 10 feet 5½ inches, speed 9.9 miles per hour. All very steady – other stays. Much shake in the vessel and power supposed too great. Mr. Freeling tolerably well satisfied."*
12. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 26 May 1826.  
*Docketed "Thetis account wanted. Thetis working gear beams unsteady. Alterations of the floor. Stays to main gudgeon. Solway materials at the hulk. Mr. Laird trying to get tonnage of steam vessels altered. Vixen in a very bad state, Minchin discharged. Post Office Comet wheels demolished. Asks estimate of Navy 40 horse engines. Mr. Atkinson had estimate."*
13. Letter. James Watt Jr. (London) to William Creighton (Soho). 27 May 1826.  
*Docketed "Teeth of wheels broke – James Watt. Boiler very tight ditto. East London – backward state, new reservoirs making. Mr. Ewart returning home."*
14. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 28 May 1826.  
*Docketed "Has been called on by George and James Haden. Notice of Lloyd's and Neales. Wyatt's losses – should have a letter about payment. Progress at Trinity. Currie's engine now doing well, breakages owing to Shakespear. Report of failure, Mackintosh of Calcutta."*
15. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 31 May 1826.  
*Docketed "West Middlesex cannot stop to put in pumps, account wanted. East London double engine house – cost of pillars etc. wanted. West India Docks – nothing done, engines may be sent. Report about Mackintosh of Calcutta. About making common boilers. Asks if Kent Water Works is sent."*
16. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 1 Jun. 1826.  
*Docketed "Thames & Medway engine at work. Payment expected on the 7<sup>th</sup>. West Middlesex cannot stop to put in the new pumps. Brunton's boiler proposal ditto. Co. want price reduced. Thetis – new stay does not answer, experiments on speed, + 10 miles. Dolphin to have new pillars, no middle floor, sleepers to be joggled."*
17. Letter. James Watt Jr. (London) to William Creighton (Soho). 3 Jun. 1826.  
*Docketed "Has not seen West Middlesex letter about reduction of price. Sends answer to forward."*
18. Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Jun. 1826.  
*Docketed "Queries about West Middlesex pumps estimates and costs."*
19. Letter. James Watt Jr. (London) to William Creighton (Soho). 9 Jun. 1826.  
*Mis-dated by James Watt Jr. as 9 Jul. On the same sheet:*  
 Letter. James Brown (London) to William Creighton (Soho). 10 Jun. 1826.  
*Docketed "Further account of Thetis – draft 10 feet 6½ inches, 24 strokes, 7¾ miles per hour against wind and tide. Feeding cocks leak as usual. Order for Queen of the Netherlands. Solway and Watersprite going on, hold-down bolts wrong. Soho orders grate bars. Further observations on leaking cocks."*
20. Letter. James Watt Jr. (London) to William Creighton [Soho]. 12 Jun. 1826.  
*Docketed "Sends order for 2 40 horse engines for Deptford Yard. Leaves London next day."*
21. Memorandum. Soho Foundry, 16 Jun. 1826.  
*In James Watt Jr.'s hand.*  
*Docketed "Directions about leaving out stays in boat boilers and for thickness of plates."*
22. Letter. James Watt Jr. (Moor Court, near Leominster) to William Creighton (Soho). 28 Jun. 1826.  
*Docketed "About answer to Commissioners of the Navy. Expects nothing from Mr. Dixon. Errors in account should be corrected. Returns tomorrow or next day."*

- 23.** Letter. James Watt Jr. (Aston) to "M. R. Boulton or William Creighton" (Soho). 2 Jul. 1826.  
*Docketed "Considers Post Office have done fairly as they could about Thetis and Comet."*
- 24.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 14 Jul. 1826.  
*Docketed "Mr. Freeling with Comet top Guernsey. Breakdown of Comet's engines. No new Post Master General. Dolphin and Escape arrived, materials much wanted. Shannon will proceed rapidly. Thames 2<sup>nd</sup> vessel much wanted. Trinity dredging does well. Solway reached Liverpool and sailed from Holyhead. Next vessel in Thames in Sep. Thames & Medway cannot pay. Asks if Kent Water Works and Rickards are sent away."*
- 25.** Letter. James Watt Jr. (London) to William Creighton (Soho). 15 Jul. 1826.  
*Docketed "Good performance of Solway. Goes to Carlisle on Monday. Boiler for Arrow ready. Comet working back to Thames."*
- 26.** Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Jul. 1826.  
*Mis-dated by James Watt Jr. as 18 Jul.*  
*Docketed "West Middlesex Water Works plan again altered. Contracted for, Mr. Clark going out. West Middlesex account to be paid. Thames & Medway trying to raise more money. Mr. Harrison's wages raised."*
- 27.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jul. 1826.  
*Docketed "Mr. Walker is sending plans of the Deptford Corn Mill and wants drawings of engine houses. Trinity to be charged the £1800. About proportions of cement. Navy Comet said to be about to get a Perkins boiler. Mr. William Murdock Jr. [?] to Liverpool. Post Office and Maudslay annoyed by breakage of crank."*
- 28.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Jul. 1826.  
*Docketed "Letter from Col. du Thon about the Union steam boat. Draft 2 feet 3 inches, bottom weak. Fuel tried. Myatt does well at Lausanne – expect soon to be ready. Enquiry about chimneys."*
- 29.** Letter. James Watt Jr. (London) to William Creighton (Soho). 21 Jul. 1826.  
*Docketed "Wants particulars of the Trinity shaft business. Arrow's boiler not ready for a trial, enquiry about chimney. Observations on West Middlesex changes of plan. Enquiry about Rickards. Navy dredging engine is ordered of Mr. Maudslay."*
- 30.** Letter. James Watt Jr. (London) to William Creighton (Soho). 22 Jul. 1826.  
*Docketed "Arrow boiler to have chimney and safety pipe, grates with wrought iron bars. Erecting Mr. Laird's engines at Holyhead declined. Escape waiting for materials. Dolphin in Pitcher's dock. Thetis in search of a storm. Watersprite gone to Guernsey."*
- 31.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 26 Jul. 1826.  
*Docketed "Favourable reports of Thetis. Balance weights noisy. Watersprite gone to Geumsey. Escape erection commenced. Shannon's parallel motion foul of beams. 70 and 80 horse cylinder bolts thought small. Trinity account delivered in. Rickards Mackintosh's disappointment, said to have been done some time ago."*
- 32.** Letter. James Watt Jr. (Aston) to William Creighton (Soho). 29 Jul. 1826.  
*Docketed "Remarks on the Commissioners of the Navy's letter about Barton's packing. Will write to the Comptroller on the subject."*
- 33.** Letter. James Watt Jr. (Glasgow) to William Creighton [Soho]. 19 Aug. 1826.  
*Docketed "Wants report of what is going on. Stops a week longer."*
- 34.** Letter. James Watt Jr. (Glasgow) to William Creighton [Soho]. 23 Aug. 1826.  
*Docketed "Glasgow Water Works doing well. Account wanted with Wilkinson's time when the Co. will remit."*

- 35.** Letter. James Watt Jr. (Penrith) to William Creighton (Soho). 6 Sep. 1826.  
*Docketed "Inspection of Solway – dirty. Not in haste for 2<sup>nd</sup> vessel. Receipt of £10. Going to Leeds and Manchester. Mrs. Watt unwell at Largs."*
- 36.** Letter. James Watt Jr. (Manchester) to William Creighton [Soho]. 11 Sep. 1826.  
*Docketed "Shake of Mr. Gott's engine. Progress at Wood Junr.'s. Looks at Manchester engines. Return on Wednesday."*
- 37.** Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 24 Oct. 1826.  
*Docketed "Mistake in number of engines for St. Katherine's."*
- 38.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 13 Nov. 1826.  
*The docket is on a separate sheet, which has been attached to the letter.  
Docketed "Arrival of Shannon in 76 hours – observations on shake etc. Teasdale and Symes absent. Mr. Fearnall's report on the state of Shannon Co.'s finances. State of law respecting Shannon. Dolphin to be tried tomorrow. Apparent opinion at Post Office on Thetis. Mr. Freeling's wrath at Capt. Townley. Wizard reached Holyhead 71 hours. Tourist reached Liverpool 4<sup>th</sup>. Sends Dutch report on Galloway."*
- 39.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 14 Nov. 1826. 2 sheets.  
*Docketed "Inspection of steamers at Blackwall. Dolphin very steady – 9 strokes and everything satisfactory. Disengaging apparatus defective, new. Shannon all dirt, enquiry into the funds of the Co. Sails Thursday. Vixen painting, handsome vessel. Margaret and Hero in the canal, the former ready for engines. Money proposed to be added on Shannon. East London estimate from Maudslay £2000 above Boulton & Watt – can the estimate be increased. Mr. Stevens trying in Cornwall."*
- 40.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 15 Nov. 1826.  
*Docketed "Opinion of Teasdale and Symes on the Shannon business. Wants copies of Capt. O'Brien's letters from Soho. One letter has postmark torn off. Letters with orders etc. to have it preserved."*
- 41.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 16 Nov. 1826.  
*Docketed "Estimates wanted for St. Katherine's Dock – 2 engines and 4 engines, and 3 engines. Pumping into basin not approved. Proposal for a 9 foot stroke. Charringtons want estimate of a 14 horse engine."*
- 42.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 17 Nov. 1826.  
*Docketed "Spare boilers to St. Katherine's engines. To be delivered carriage free. East London engine same as last. Nothing known about Vixen pumps. Dolphin's working gear shafts fitted badly. Asks time for sending West Middlesex. Weight of Navy boiler wanted."*
- 43.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 18 Nov. 1826.  
*Docketed "Scheme for more power – James Watt. Proposal to try Venus first. Also for more power to Soho. Enquiry when West Middlesex castings will be ready. Same enquiry for West India Dock. Thetis shipwrights' bills wanted. Weight of Thames's stand plates? Distance of sleepers ditto. Shannon left yesterday morning."*
- 44.** Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Nov. 1826.  
*Docketed "Has got plan of St. Katherine's basin, surface of it and the docks. Observations on the pumps. Columns thought too slender. Pumps by land? to Braunston. Sketches of engine house wanted. Escape's account to be paid. Arrow account wanted."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Nov. 1826.  
*Docketed "Thetis bills in a parcel on table. Navy engines to be delivered at Deptford. Mr. Hunt or somebody else must have Magnet engines done by Xmas."*

- 46.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 23 Nov. 1826.  
*Docketed "Trial of Dolphin – steady at 8½ strokes. To be taken into Thames on Tuesday. Conference with Messrs. Hall and Telford – responsibility declined by Mr. Watt. Estimates of 66 inch engine wanted for St. Katherine's Dock. Going to Regent's Canal engines with Mr. Telford. Mr. Stevens absent from East London. Letter from Capt. O'Brien."*
- 47.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 24 Nov. 1826.  
*Docketed "Observations on Ourscamp letter. Mr. Denny's letter to be answered. Observations on West Middlesex pump rod. Nobody to spare for Mr. de Heus. Thames's strengthening plates are reckoned too heavy. Sends plan of St. Katherine's Dock. Charrington's want answer."*
- 48.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 27 Nov. 1826.  
*Docketed "East London to be settled this week. Building at West Middlesex not begun, heavy articles to be all sent and polished work to remain. Magnet and Hero copper chimneys. Vixen pump detained at the wharf. Thames's sleeper plates inch thick. Doubt about trying Dolphin 28<sup>th</sup>."*
- 49.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 28 Nov. 1826.  
*Docketed "Notice where Glasgow Water Works papers are to be found."*
- 50.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 29 Nov. 1826. 2 sheets.  
*Docketed "Trial of Dolphin – 23 strokes, 10.49 miles per hour, all steady except pillars at cylinder – Mr. Ewart present. Several improvements suggested. Parallel motion too close to beam. Platforms very convenient. Race with the Shannon which is a very handsome vessel. Mr. Freeling seems satisfied. Copy of Ourscamp letters wanted. Vixen and Dolphin's accounts wanted. Estimate of Dolphin's alterations required."*
- 51.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 30 Nov. 1826.  
*Docketed "With Mr. Hall to Grand Junction engines – Mr. Anderson reckons £3000 for buildings and erection, new main – estimate wanted of a 28 inch working barrel. Sends drawing of St. Katherine's entrance locks, scheme for having 2 pumps."*
- 52.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Dec. 1826.  
*On the same sheet:*  
 Sketch. *Dolphin's* parallel motion, starboard. 4 Dec. 1826.  
*Docketed "Dimensions of parallel motion for the Dolphin, stays get on slowly."*
- 53.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Dec. 1826.  
*On the same sheet:*  
 Sketch. *Dolphin* – Plan of Wrought Iron Stays from hot water cistern to cylinder casing. 4 Dec. 1826.  
*Docketed "Sketch of cylinder stays, Dolphin. Observations on parallel motion rods. West India Dock engine to be delivered as soon as possible – Rennies informed they must pay. Wishes Mr. Murdock to consider St. Katherine's Dock scheme."*
- 54.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 9 Dec. 1826.  
*Docketed "Steadiness of Dolphin's engines with the stays to the hot water cisterns. Adjustment of parallel motions. George Rennie and John Walker present, also Capt. Hamilton. Cutter of slide valve rod out. Speed at low wind 10.1 to 10.5 miles per hour. Coals 12 cwt. per hour. Ship going to sea on Wednesday. Injection plugs shut themselves."*
- 55.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 10 Dec. 1826.  
*Docketed "St. Katherine's Dock to be considered. Sends sketches of engine house. Mr. Mylne's warm water scheme. Changing pumps at New River."*
- 56.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 13 Dec. 1826.  
*Docketed "Navy 40 horse engines to be erected immediately – vessel named Alban. Navy 50 horse engines to be erected immediately – called the Carron. Navy 2<sup>nd</sup> 50s expected soon to be wanted. Mr. Brown will give notice of more hands for above and Cumberland."*

**57.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 16 Dec. 1826.  
*Docketed "Dolphin returned, pillars steady but working gear is not so. 5 workmen wanted in London. Mr. Mushet wants weight of 10 and 14 horse engines without flys."*

**58.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 18 Dec. 1826.  
*Docketed "Dolphin steady according to Mr. John Walker and Mr. Brown, also have given in reports. Dolphin leaves Thames on Thursday. Comet and Etna disabled. Mr. Watt to be at Soho the 25<sup>th</sup> to discuss Glasgow Water Works. Rickards Mackintosh & Co. to have letter. Extract from Capt. O'Brien – the steam co. abusing him."*

**59.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 20 Dec. 1826.  
*Docketed "Drawing of Fury boiler for Mr. Laird. Will consider about Glasgow Water Works. Dolphin will be complete tomorrow. Dublin Co. general meeting 22<sup>nd</sup>. Mr. Freeling satisfied at present. Doubts about who is to pay – Dolphin. Will present Dolphin and Wizard accounts."*

**3/73 Letters to Boulton Watt & Co., William Creighton, 1827 (31 items)**

**1.** Card cover.  
*Marked "Mr. Watt 1827."*

**2.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 9 Feb. 1827.  
*Docketed "Myatt agrees to go to Lausanne, terms on which he goes, statement of account wanted. Mr. Telford loath to lose air scheme. Writes to Mr. Boulton about Thetis."*

**3.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 10 Feb. 1827.  
*Docketed "Thetis alterations to go on with all possible expedition. Shafts to be raised like Dolphin. Wants correspondence with Mr. Walker about West India Docks engine. Borough Water Works smooth at 12 strokes. Mr. Telford approves of Fearnall's 6 horse engine. Cumberland gone out to trial. Margate Co. reject Harlequin and Columbine of General Steam Co. Post Office want pair of 40 horse engines. Shannon out 8 days, motion, crank loose."*

**4.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 10 Feb. 1827.  
*Docketed "Wants Graystock's last letter. Also Myatt on wood burnt. Performance of Trinity dredger."*

**5.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 14 Feb. 1827. 2 sheets.  
*Docketed "Sends Mr. Hall's answers to queries. Discussion respecting St. Katherine's Dock, calculation and estimates."*

**6.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 15 Feb. 1827.  
*Docketed "Post Office order pair of 40 horse engines. Price and time stated. Dolphin does well except working gear wheel. Shannon's crank loose. Complaints of Milford boiler. Place for St. Katherine's air vault. St. Katherine's expects to buy Excise place."*

**7.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 17 Feb. 1827.  
*Docketed "Copy of correspondence about the West India Dock wanted. West Middlesex omitted to be charged for clack seat rejected, Mr. Mosley about to deliver account."*

**8.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 22 Feb. 1827.  
*Docketed "Post Office officially order 2 of 40 horse engines. Dolphin in a storm last Sunday. Men now wanted for Thetis. Eginton's account and wages. Thetis frame drawing approved. Receipt from West Middlesex - £3500."*

**9.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 23 Feb. 1827.  
*Docketed "Scheme for a steam box – Rougemont & Co. To have estimate of circular nozzles and working gear. Conference about West India Dock."*

- 10.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 28 Feb. 1827.  
*Docketed "Complaints of Kent Water Works of long time of the erection. Demur about part of payment. Copy of letters wanted. Vixen, Alban and Carron accounts wanted. Mr. Murdock at Kent Water Works. Drawing of Thetis's headstocks sent. Drawing of James Watt's boiler wanted."*
- 11.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 3 Mar. 1827.  
*Docketed "Complaints of Kent Water Works Co. about time of erection etc., short of money at present. St. Katherine's Dock to be 2 engines, 38 inches, 8 foot stroke and triple pumps. Plan wanted – sketch of tunnel. Wants letter about estimate – Navy 50 horse engines."*
- 12.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 7 Mar. 1827.  
*Docketed "Wants estimate of 2 engines, 10 horse, for an Irish canal – for Mr. Grantham. West India Dock take engine. George Haden called about the erection of Heathcote's engine. Directions given about advance of money to men at Holyhead."*
- 13.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 8 Mar. 1827.  
*On the same sheet:*  
Transcript of letter. R. G. Middleton & C. Boyle (Navy Office) to Boulton Watt & Co. [London]. 7 Mar. 1827.  
*Docketed "Navy 2<sup>nd</sup> pair of 50 horse engines not wanted at present – to be kept. Engines of Alban and Carron at work. Daniels and Mrs. Wilkinson come from Calcutta. Copy of Commissioners of the Navy's letter."*
- 14.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 9 Mar. 1827.  
*Docketed "Carriage for Navy 50 horse engines to be left out of account. New vessel the Dee is intended for 2 engines of 100 horses each by Maudslay. Expects to leave on Sunday. St. Katherine's Dock tomorrow."*
- 15.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 9 Mar. 1827.  
*Docketed "Place for West India Dock engine. May be sent except the bright work. To be delivered by contract at Blackwall. Mr. Bowman asks about a 6 horse engine and vacuum pumps."*
- 16.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 10 Mar. 1827.  
*On the same sheet:*  
Sketch. Plan of situation of St. Katherine's Dock engines.  
*Docketed "About situation of engines, St. Katherine's Dock."*
- 17.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 12 Mar. 1827.  
*Docketed "St. Katherine's order to be issued to Soho Foundry. Place of sluices. Alban and Carron are out in the river. Navy account will be given in. Enquiry after percentage on boiler plates."*
- 18.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 13 Mar. 1827.  
*Docketed "About time for St. Katherine's Dock. Sends letter and answer to send off."*
- 19.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 14 Mar. 1827.  
*On the same sheet:*  
Transcript of extract of letter. Mr. — Forbes [Calcutta] to Boulton Watt & Co. [London]. 8 Sep. 1826.  
*Docketed "Hoogly engines to proceed. Enquiry about errors in the dredging machinery – a report from Mr. Pigg. Extract from Mr. Forbes' letter. Not to send more letters."*
- 20.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jul. 1827.  
*The docket is on a separate sheet which has been attached to the letter.*  
*Docketed "Discussions with Mr. Mosotti about Pavia and Venice boats. Draft of water, speed etc. Wages proposed for John Porter. Mr. Brown scheming vessels. Complaints from Milford about a defective chimney. Graham's Post Office vessel launch 1 Aug."*

21. Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jul. 1827.  
*Marked "No. 2." Docketed "Wishes more letters sent up."*
22. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 5 Jul. 1827.  
*Docketed "Mr. Mossotti appears to order 18 and 20 horse pairs of boat engines. Calculations of draft and speed. Pritchard and Porter engaged and their wages stated. To see Mr. Telford – St. Katherine's. Post Office 40 horse boiler to be altered – Dragon. Mr. Freeling gone to Weymouth."*
23. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 6 Jul. 1827.  
*Docketed "St. Katherine's drawings approved by Mr. Telford – work not to be done by contract. Haussman's drawing received. Supposition about Magnet's noise."*
24. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 9 Jul. 1827.  
*Docketed "Messrs. Doxat & Co. order 20 and 19 horse engines for 2 boats on the Po. Prices stated – time 6 months. Proposal for alterations."*
25. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 10 Jul. 1827.  
*Docketed "Return letters about Schroeder and Leman. Sends Mr. Mossotti's order. A bridge at Pavia and chimney must be made to lower. Orders not to be issued yet."*
26. Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 13 Jul. 1827.  
*Docketed "Sends correspondence with J. Rennie. Victualling Board paid £4000."*
27. Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jul. 1827.  
*Docketed "Sends drawings of 2 boilers for the Milan Co. to be made by Horton. Reduction of water spaces."*
28. Letter. James Watt Jr. (London) to William Creighton (Soho). 18 Jul. 1827.  
*Docketed "Drawings of Milan boilers sent, are to be made by Horton. Copy of Neufchatel shaft drawing with some others wanted."*
29. Letter. James Watt Jr. (London) to Gilbert Hamilton (—). 20 Jul. 1827.  
*Docketed "Drawings of paddle wheels received. Wants drawing of Neufchatel headstock frame, and general drawings of engines."*
30. Letter. James Watt Jr. (London) to William Creighton (Soho). 25 Jul. 1827.  
*Docketed "Sends letter from Mr. Hall to be answered. About wages of Thomas Wilkinson. John Johnson's brother can be spared. Progress at Deptford, parts of engines to be sent. Dragon to be launched on the 9<sup>th</sup> and the materials to be in London by the 12<sup>th</sup> August."*
31. Letter. James Watt Jr. (Aston) to William Creighton (Soho). 24 Sep. 1827.  
*Docketed "To order two cylinders without steam cases of 60 horse power each for the James Watt steamer to suit the 120 horse boiler now preparing. Professor Leslie wishes to have his digester sent off and another made with improvements."*

**3/74 Letters to Boulton Watt & Co., William Creighton, 1828-1829 (50 items)**

1. Card cover.  
*Marked "Mr. Watt 1828, 1829."*
2. Letter. James Watt Jr. (Doldowlod) to William Creighton (Soho). 10 Feb. 1828.  
*Docketed "Observations on delivery pipe, St. Katherine's Dock. Asks if the suction sluice is to be extra. Stay will be prolonged."*
3. Letter. James Watt Jr. (Aston) to William Creighton (Soho). 30 Apr. 1828.  
*Docketed "Mr. Townshend talks of another engine. 28 horse proposed to him."*

- 4.** Letter. James Watt Jr. (London) to William Creighton (Soho). 30 Jun. 1828.  
*Docketed "Consultation with Mr. Boulton about lowering prices, and result. Cost of various engines wanted. A second price proposed for boilers. To write George Haden about prices. Mr. Knight wants estimate of 18 horse boat engine."*
- 5.** Letter. James Watt Jr. (London) to William Creighton (Soho). 2 Jul. 1828.  
*Docketed "About per cent on engine materials. Charges to be made for boilers. Proposed estimate for Mr. Anderson. Wants further estimates of 18 horse engine. Shannon and Thames accounts wanted. St. Katherine's walls up to spring beams – Mr. Murdock not wanted."*
- 6.** Letter. James Watt Jr. (London) to William Creighton (Soho). 5 Jul. 1828.  
*Docketed "Another estimate wanted for Mr. Knight. Shannon's account wanted. Statement for Leith Co. wanted. James Watt to be tried tomorrow. Error in calculations – West India Dock pumps."*
- 7.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Jul. 1828.  
*Docketed "Experiments with James Watt's 70 horse engines. Nov. 1821, no girdling – 10 miles per hour. Apr. 1822, with girdling – 8.7 miles per hour. May 1828, with girdling, 60 horse – 9.3 miles per hour. Jul. 1828, no girdling – 9.5 miles per hour. Observation, copper supposed defective, paddles wanted deepening. Indicator figures will be sent. Mr. Knight's estimate given at £1670. Enquiry about West India Dock pumps. Men at work West India Dock, engines retarded by building. Coals 15 bushels per hour – James Watt."*
- 8a.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Jul. 1828.  
*Kept with (b) and (c) below.  
Docketed "Project for enlarging paddle wheels of the James Watt. Estimate wanted. Average passage of James Watt last year 56 hours = 8.7 miles per hour, this season 9.5 miles per hour. 488 miles. Coals, 1827 19 to 20 bushels, 1828 18 bushels. Damper proposed to be lowered, too much steam now."*
- b.** Letter. John Dawn (Soho Foundry) to William Creighton (Soho). 10 Mar. 1829.  
*On the same sheet:  
Estimate for widening the James Watt's paddle wheels. 11 Jul. 1828.*
- c.** Letter. John Dawn (Soho Foundry) to William Creighton (Soho). 12 Mar. 1829.  
*On the same sheet:  
Estimate for widening the James Watt's paddle wheels. 11 Jul. 1828.  
Docketed "Copy of estimate for increasing diameter of James Watt's paddle wheels." See James Watt Jr.'s letter of 11 Mar. 1829 in reference to the James Watt.*
- 9.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Jul. 1828.  
*Docketed "James Watt's account to be corrected. Particulars of boiler charges wanted. Mr. Mitchell informed of amount. Shannon accounts wanted."*
- 10.** Letter. James Watt Jr. (London) to William Creighton (Soho). 10 Jul. 1828.  
*Docketed "Observations on power and performance of James Watt. History of shortening and lengthening paddles – now 8 feet. About increase of wheel diameter. In want of estimate ditto – sent letter 13 July."*
- 11.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Jul. 1828.  
*Docketed "Wants estimate of 2 boat engines, 30 horse, for Andrews and Pritchard's intended boat on the Danube."*
- 12.** Letter. James Watt Jr. (London) to William Creighton (Soho). 12 Jul. 1828.  
*Docketed "Will remain to see Mr. Denny and also Winter & Co. Wants information about sugar mills and estimate of brass work. Whitbread's articles wanted, Wilkinson & Fisher's ditto. Odd orders proposed for Soho Foundry. Observations on Porter's account of the Venice steam boats."*

- 13.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 14 Jul. 1828.  
*Docketed "Conference with Winter & Co. about 14 horse engine and mill. Mill estimate of Rennie's and Fawcett. Further estimates wanted. Mr. Denny gone to St. Katherine's. Mr. Hall in good humour. Shannon not arrived."*
- 14.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 17 Jul. 1828.  
*Docketed "On the per cent for 14 horse engines. Estimate given N. Winter & Co., have had Graham's estimate of mill but not G. & J. Rennie's. West India Dock materials much wanted. Charringtons want engine. Proposal for orders to Soho Foundry. Through water works with Mr. Denny. West Middlesex large pump works to top level, engine doing very well. East London up to spring beams."*
- 15.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 19 Jul. 1828.  
*Docketed "Winter & Co. not settled about mill, Rennie's £300 more than Graham. Wants size of West Middlesex pumps. Remains till Tuesday."*
- 16.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 21 Jul. 1828.  
*Docketed "Shannon repaired and gone off. Visit to Kent Water Works with Mr. Denny – engines cleaner than formerly. West Middlesex works to Primrose Hill, water considered pure enough, and Co. well satisfied with engine. Another engine proposed. Notice about Post Office accounts. Plymouth 20 horse engine to be disposed of. No intelligence of Mr. Telford."*
- 17a.** Letter. James Watt Jr. (Soho) to William Creighton [Soho]. 27 Sep. 1828.  
*Kept with (b) below.  
Docketed "Wants copies of Glasgow Water Works out of letter book. Directions for sending letters."*
- b.** Note about where to send letters for James Watt Jr.
- 18.** Letter. James Watt Jr. (Lancaster) to William Creighton (Soho). 29 Sep. 1828.  
*Creighton has noted that this letter arrived at Soho on 1 Oct.  
Docketed "Letters to Penrith for a week. About answer to West Middlesex."*
- 19.** Letter. James Watt Jr. (Glasgow) to Boulton Watt & Co. [Soho]. 10 Oct. 1828.  
*Docketed "Mr. Denny from the committee waiting Mr. Watt's arrival. Scheme for tow boats on the canal. Is going to Greenock."*
- 20.** Letter. James Watt Jr. (Ardgowan, near Greenock) to Boulton Watt & Co. [Soho]. 13 Oct. 1828.  
*On the same sheet:  
Transcript of letter. James Watt Jr. (Ardgowan) to Dr. — Udney (13 Arles Terrace, Commercial Road, London). 13 Oct. 1828.  
Docketed "Sends a letter from Dr. Udney and his answer to it."*
- 21.** Letter. James Watt Jr. (Glasgow) to William Creighton (Soho). 17 Oct. 1828.  
*Docketed "Meeting with Glasgow Water Works directors. Engines proposed – 2 of 54 inches and 2 pumps to each proposed. Wants an estimate of 2 pumps. Memorandum of sizes of boilers 1<sup>st</sup> and 2<sup>nd</sup> engines."*
- 22.** Letter. James Watt Jr. (Glasgow) to Boulton Watt & Co. [Soho]. 25 Oct. 1828.  
*Docketed "Inner pumps likely to be adopted. Propose new suction pipe. Likely to be detained another week to get all settled."*
- 23.** Letter. James Watt Jr. (Glasgow) to Boulton Watt & Co. (Soho). 5 Nov. 1828.  
*Docketed "Directors resolve on 2 engines 54 inches, and second pumps for both. 36 inch to have new barrels sent. 2<sup>nd</sup> pumps to raise to Garnet Hill through 20 in main, also 36 inch. Experiments with 2 engines 54 inches working. Scheme for tow vessels on the canal. Goes to Edinburgh on Sunday."*

- 24.** Letter. James Watt Jr. (Glasgow) to Boulton Watt & Co. (Soho). 7 Nov. 1828.  
*Docketed "Sends official order for Glasgow Water Works for 2 engines 54 inch and pumps. Want drawings soon, order pumps. Part of 36 inch main laid. Scheme for a tow boat on the canal."*
- 25.** Letter. James Watt Jr. (Leeds) to William Creighton (Soho). 22 Nov. 1828.  
*Docketed "Glasgow pillars etc. usual size. Observations on inner pumps. Air vessels from Coalbrookdale and the price to be asked. Address letters to Mr. Ewart."*
- 26.** Letter. James Watt Jr. (Leeds) to William Bennett (Soho). 25 Nov. 1828.  
*Docketed "Mr. Bennett to prepare to leave home for Leeds."*
- 27.** Letter. James Watt Jr. (Manchester) to William Creighton [Soho]. 28 Nov. 1828.  
*Dated by James Watt Jr. as 29 Nov., but Creighton has noted that the letter was postmarked 28 Nov. The half of sheet with the postmark is now wanting.*  
  
*Docketed "Receipt of a parcel with letters. Birley & Kirkes' engine much backward, complaint of no invoices. Mr. Wood's engine doing well. Remains a few days."*
- 28.** Letter. James Watt Jr. (Manchester) to William Creighton (Soho). 30 Nov. 1828.  
*Docketed "Going with Mr. Ewart to Liverpool to examine a scheme of Mr. Hartley's. Mr. Murray proposes larger engine in place of 45 horse - ?80 horse. Mr. Hussey of Glasgow likely to want another engine."*
- 29.** Letter. James Watt Jr. (Liverpool) to Boulton Watt & Co. (Soho). 2 Dec. 1828.  
*Docketed "Bad fitting of Liverpool Dock piston. Somebody promised to go and inspect it. Engine said to be badly erected."*
- 30.** Letter. James Watt Jr. (Liverpool) to Boulton Watt & Co. (Soho). 3 Dec. 1828.  
*Docketed "Piston again loose at dock engine – will stand till somebody arrives. Observations on bad fitting, headstock broke. Likely to leave Liverpool tomorrow."*
- 31.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 3 Feb. 1829.  
*Mis-dated as 1828 by James Watt Jr.*  
*Docketed "St. Katherine's board day, Mr. Hall not seen. Governors proposed to remain. Pillars and beams look well. Glasgow pillars have some shake – proposes new ones cast thicker. Wants copy of letter to Mr. Hall about consumption of fuel. Post Office paid Thetis and Dolphin accounts with some deductions. Mr. Brown has a scheme for cranks. Hoop put about Shannon crank."*
- 32.** Letter. James Watt Jr. (London) to William Creighton (Soho). 4 Feb. 1829.  
*Docketed "Bristowe declines going to Berbice. Mickie proposed, to go up for examination."*
- 33.** Letter. James Watt Jr. (London) to William Creighton (Soho). 6 Feb. 1829.  
*Docketed "Another estimate from Shannon given to Prevost Morris & Co. Weight of 80 horse boiler on land wanted."*
- 34a.** Letter. James Watt Jr. (London) to William Creighton (Soho). 7 Feb. 1829.  
*Enclosing (b) below. On the same sheet:*  
Memorandum. Calculation of the power of the engines for St. Katherine's Dock.  
*Docketed "Sends calculations of performance at St. Katherine's Dock for examination. Project for being reimbursed by the Co. for giving excess of power. London & Edinburgh Co. have paid."*
- b.** Transcript of letter. James Brown (25 Jewry St.) to John Hall [St. Katherine's Dock]. 28 Oct. 1828.  
*Docketed "Copy of letter to Mr. Hall about the experiment at St. Katherine's."*

- 35.** Letter. James Watt Jr. (London) to William Creighton (Soho). 14 Feb. 1829.  
*Docketed "A millwright wants employment. Post Office have paid – order another boiler for two 70 horse engines. Dolphin boiler to be sent away. Asks if there is a boiler for 2 engines of 40 horses. Post Office boilers – not carriage paid."*
- 36.** Letter. James Watt Jr. (London) to William Creighton [Soho]. 17 Feb. 1829.  
*Docketed "Wants copy of Day Book charge for cylinders etc. of 2 70 horse engines for Magnet."*
- 37.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 18 Feb. 1829.  
*Docketed "Sends copy of letter to the St. Katherine's Co. and copy of account."*
- 38.** Letter. James Watt Jr. (London) to William Creighton (Soho). 20 Feb. 1829.  
*Docketed "Observations on Thetis's clutches. Proposal for new clutches. Shafts in future to be in one piece. No estimates for Post Office boilers. Soho brasses much wanted."*
- 39.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 23 Feb. 1829.  
*On the same sheet:*  
Transcript of extract of letter. Margate Co. to Boulton Watt & Co. 18 Feb. 1829.  
*Docketed "Directions for Eclipse's bearers. South Level account wanted."*
- 40.** Letter. James Watt Jr. (London) to Boulton Watt & Co. (Soho). 24 Feb. 1829.  
*Docketed "Account of Patrick McAlister."*
- 41.** Letter. James Watt Jr. (London) to William Creighton (Soho). 24 Feb. 1829.  
*The docket is on a separate sheet which has been attached to the letter.*  
*Docketed "Thetis's air pumps to be bored in their places and an apparatus made for it. About cement for Post Office boilers. Explanation about Soho brasses wanted. Will attend to Winter & Co.'s request. Visit to West Middlesex – 188 feet lift, 11½ strokes, doing well. Price of boiler for Dublin Co. wanted, nothing said about accounts."*
- 42.** Letter. James Watt Jr. (London) to William Creighton (Soho). 27 Feb. 1829.  
*On the same sheet:*  
Transcript of letter. William Chadwell Mylne (New River Head) to James Watt Jr. [London]. 26 Feb. 1829.  
*Docketed "New River Co. want estimate of an engine for pumping water out of the River Lea."*
- 43.** Letter. James Watt Jr. (London) to William Creighton (Soho). 8 Mar. 1829.  
*Docketed "Wants copies of accounts – Milan Co. and Doxat, Porter and Bayley. Gravesend account settled, the paddle plates taken back. Expects difficulty with Margate Co. Dublin accounts wanted, supposed not to be doing well, an opposition. Shannon repaired boiler at Falmouth. James Watt repairing – wheels proposed to be enlarged. Estimate? James Mickie and Winter & Co. Asks how New River air pump was proposed by William Creighton to be worked."*
- 44.** Letter. James Watt Jr. (London) to Boulton Watt & Co. [Soho]. 9 Mar. 1829.  
*Docketed "With orders from Post Office for Thetis and Dover. Mr. Brown to procure the dimensions of the present boilers in the Salamander and Crusader."*
- 45.** Letter. James Watt Jr. (London) to William Creighton (Soho). 11 Mar. 1829.  
*See the estimates kept with James Watt Jr.'s letter to Creighton of 8 Jul. 1828 in reference to the James Watt's wheels.*  
*Docketed "Wants particulars of the estimate for James Watt's paddle wheels. Difficulty about New River pumps."*
- 46.** Transcript of letter. James Watt Jr. (London) to the Committee of the London & Edinburgh Steam Co. [London]. 13 Mar. 1829.  
*Repairs to the James Watt, and proposals for new cylinders and alteration of the paddle wheels.*

47. Letter. James Watt Jr. (London) to William Creighton (Soho). 17 Mar. 1829.  
*Docketed "Enquires about the estimate for altering Magnet's slide valves. Proposal for altering James Watt. Expects to return on Friday."*
48. Memorandum. London & Edinburgh Steam Packet Co. – names of new committee.  
18 Mar. 1829.
49. Letter. James Watt Jr. (Aston) to William Creighton (Soho). 28 Mar. 1829.  
*On the same sheet:*  
Letter. William Creighton (Soho) to James Watt Jr. (Aston Hall). 28 Mar. 1829.  
Transcript of letter. George Henry Freeling (General Post Office) to Boulton Watt & Co. [Soho]. 27 Mar. 1829.  
*Docketed "The 80 horse boiler for two 40 horse engines now at Soho Foundry was intended for the Post Office."*
50. Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 1 Apr. 1829.  
*Docketed "Thinks Pritchard and Andrews may have drawing of boat for the Danube. Increase of weight in 30 horse boilers. To inform Pritchard and Andrews of Elbe steam boats. About estimate of a dredging boat."*

**3/75 Letters to William Creighton, William Bennett, 1830 (7 items)**

1. Card cover.  
*Marked "GENERAL LETTERS April May June 1828." Does not bear any reference to letters of James Watt Jr.*
2. Letter. James Watt Jr. (Aston) to William Creighton (Soho). 16 Feb. 1830.  
*Docketed "Cylinders for Dart to be ordered."*
3. Letter. James Watt Jr. (Aston) to William Creighton [Soho]. 19 Feb. 1830.  
*Docketed "Salamander's boiler to be sent with the apparatus. Fury to go afterwards. Soho's boiler expected – March."*
4. Letter. James Watt Jr. (Aston) to William Creighton (Soho). 9 May 1830.  
*Docketed "Making enquiry about extra work for Dragon and Albion."*
5. Memoranda. James Watt Jr., Soho. 30 Aug. 1830.  
*Three small memoranda attached to a piece of paper torn from an old letter. In James Watt Jr.'s hand.*  
*Docketed "Fury boiler to be sent off, chimney shortened. Guinness 10 horse cylinder and valve. Cylinder 45 horse to order."*
6. Letter. James Watt Jr. (Aston) to William Bennett (Soho). 9 Nov. 1830.  
*Docketed "Fury and Spitfire's accounts to be brought to Aston. Burnt Fen advice to be attended to."*
7. Letter. James Watt Jr. (Aston) to William Bennett (Soho). 10 Nov. 1830.  
*Docketed "Directions about the Fury and Spitfire's accounts and observations about 40 brasses. Mr. Crane to go on with the Day Book. The particulars of the carriage paid in London should be furnished to Soho. Guinnesses things to be consigned as before. Will be over at Soho."*

**MS 3147/3/76-79: Correspondence from Gregory Watt, 1797-1803**

**3/76 Letters to James Watt Junior, James Watt, M R Boulton, 1797-1799 (33 items)**

1. Letter. Gregory Watt (Soho) to James Watt Jr. (13 London St.). 5 Feb. 1797.  
*Docketed "Mentions remittances received from Surtees and from Grimshaw and the receipt of a letter from John Wilkinson which states his acquiescence in the Lord Chancellor's order."*

2. Letter. Gregory Watt (Soho) to James Watt Jr. (13 London St.). 8 Feb. 1797.

*On the same sheet:*

Transcript of letter. Thomas Wilson (Truro) to Gregory Watt [Soho]. 4 Feb. 1797.

Transcript of memorandum. List of Wheal Abraham Adventurers.

*Docketed "Copy of Mr. Wilson's letter with list of Wheal Abraham adventurers. Mentions receipt of £25 from Wright who declines paying more because his engine works but seven hours in a day. Answer to Wright."*

3. Letter. Gregory Watt (Penzance) to James Watt (Soho). 19 Jan. 1798.

*Mis-dated as 1797 by Gregory.*

*His meteorological observations. Meeting of the Prince William Henry mine adventurers – Mr. Harris did not attend as he was incensed at the Foxes holding it at Redruth, not Camborne. Bull's pirate engine at Wheal Treasury. William Murdock and Richard Harvey have seen it. The adventurers are mainly farmers with little money. Andrew Vivian wants to keep the mine open so may find a way to pay. Herland mine is very poor and can hardly afford a new engine. Their piston rod arrived rusty. Murdock has been down Wherry mine and thinks they have good prospects for tin and cobalt. He will attend a meeting. The referees appointed by the Wherry adventurers are deciding what to pay Jonathan Hornblower – their decision will be a good moment to enforce Boulton & Watt's claims. Has heard complaints of deficient parcels of pence. His arm is nearly well. No change in his health but riding does not fatigue him. Studying German, French and Kirwan. [Richard? Author of "Treatise on Mineralogy"]*

4. Letter. Gregory Watt (Penzance) to James Watt (Soho). 24 Jan. 1798.

*Progress of Wherry mine – their vein of cobalt, tests on the ore. William Murdock has sent some to Soho. Any information James Watt or James Watt Jr. can send on cobalt would be useful. Mines flooded by rain – tanners out of work. Opposition to Boulton & Watt's lump sum premium at Trescow, Wheal Jewel West and Wheal Treasury, where they are threatening to remove the top of the cylinder. Andrew Vivian's stupidity or duplicity. General objections to the premium system – some say it will ruin the county. "Friends" of Boulton & Watt would prefer monthly payments. Recovery of his arm after his horse fell.*

5. Letter. Gregory Watt (Penzance) to James Watt (Soho). 9 Feb. 1798.

*Mis-dated as 1797 by Gregory.*

*Called on Andrew Vivian; Mr. Rashleigh of Menabilly with John Gould; dined with Charles Rashleigh of St. Austel and saw Mr. Tremayne. William Murdock's fear about trying to stop Pednandrea mine. Dined with John Gould and Sir Edward and Lady Pellew. News of Pednandrea mine. Boulton & Watt should make a formal representation to the Wheal Jewel West adventurers to secure Murdock the erector's job as Richard Trevithick is keen to do it. Mr. Carne favours Trevithick and was guarded about plans for Wheal Jewel West and the 2 Herland engines. Successes at Wherry mine. Murdock has discovered a way of separating tin and cobalt. Weather report. John Gould's brother-in-law Mr. Nutcombe is dying of consumption but will not consult Dr. Beddoes as Beddoes is a democrat. His shoulder is well again. Has procured a statement on treating pneumonia with hydrocarbonate from Dr. Luxmere. His health is good.*

6. Letter. Gregory Watt (Redruth) to James Watt Jr. (Soho). 1 Apr. 1798.

*Mis-dated as 1797 by Gregory.*

*Mr. Carpenter has dismissed Paul Penrose. If Carpenter enters into a bond, should they allow the Pednandrea engine to work on until Mr. Franco accepts or rejects the bond. Franco's dissatisfaction with mines. Murdock's progress with various engines. Mr. Pearson is still at Plymouth. Death and funeral of Edward Bull, and his relations with Mr. Harris of Camborne. Failure of Bull's Wheal Bounty waterpress engine. Ordering nozzles for New Reskear (late Prince William Henry) and Wheal Jewel West.*

- 7.** Letter. Gregory Watt (Redruth) to James Watt Jr. (Soho). 18 Apr. 1798.  
*Mid-dated as 1797 by Gregory.*  
*Details of the problems of Pednandrea mine. Visit to United Mines. Attended the Wherry account – their cobalt is becoming more scarce. They rejected paying Boulton & Watt's premium. Attended the Wheal Jewel account – they will pay but only if William Murdock erected the engine, as "it is notorious all over the county that he is going to Soho". Has told Mr. Pearson to return to Soho. Does not know when Murdock will leave. Cannot answer M. R. Boulton's query about a cassoon.*
- 8.** Letter. Gregory Watt (Redruth) to James Watt Jr. (Soho). 24 Apr. 1798.  
*Mis-dated as 1797 by Gregory Watt.*  
*Details of the New Reskear and Wheal Jewel West engines. Wheal Treasury's new engine has started work. Possibility of Wheal Susan buying the first ever Cornish engine from Poldory. Orders nozzles from Herland. Enquiry from Herland about an 18 inch engine. Mr. Pearson has arrived. Treskow is working. Herland have bought Wheal Ramoth's 60 inch engine which was originally from Hallammanin. Has spent time with Mr. Carrara from Portugal and Mr. Werner. Mr. Carpenter at Pednandrea has never offered to pay William Murdock for altering their engine.*
- 9.** Letter. Gregory Watt (Truro) to James Watt (Heathfield). 12 May 1798.  
*His unsuccessful efforts to find someone to superintend Mr. Lane's mine. Progress at Wheal Fanny where William Murdock is erecting a water pressure engine. Detailed report of the referees' meeting in the dispute between the Wherry mine adventurers and Jonathan Hornblower and the evidence given. Mr. Giddy wants William Withering to get him a pair of pistols. Has been attending engines with Murdock. Is happy to hear from James Watt Jr. that James Watt has almost recovered from his accident.*
- 10.** Letter. Gregory Watt (Redruth) to James Watt Jr. (Soho). 17 May 1798.  
*Paul Penrose is urging Mr. Franco to pay Boulton & Watt's premium for Pednandrea mine, which is now very poor. Capt. Cornish wishes to pay the Wheal Fortune premium. Reports on Wheal Treasury's engine and William Murdock's progress at Wheal Fanny. Glad to hear that James Watt's leg is better.*
- 11.** Letter. Gregory Watt (Truro) to Boulton & Watt (Soho). 12 Jun. 1798.  
*Report on the Wheal Abraham account – opposition to paying the premium. Has heard the Wherry mine referees will make an allowance to Jonathan Hornblower, but their decision will not be unfavourable to Boulton & Watt. Hornblower claims to have patented an engine. An injunction has been served on Mr. Carpenter of Pednandrea and Paul Penrose has agreed to receive an injunction. Leaves for Soho on Thursday.*
- 12.** Letter. Gregory Watt (Soho) to James Watt Jr. (13 London St.). 11 Dec. 1798.  
*Sends the results of James Watt's researches. Murdock's screw [boring mill] is starting work – M. R. Boulton and John Southern are attending. The etymology of the word 'art'.*
- 13.** Letter. Gregory Watt (Soho) to James Watt Jr. (London St.). 20 Feb. 1799.  
*James Watt's desk appears unopened by Salvatore Biaggio. Matthew Boulton and M. R. Boulton have set off for London. Fears Windham has been gossiping to "his Lordship". Where are the drawings for Wetherell & Co.'s mill.*
- 14.** Letter. Gregory Watt (Soho) to Boulton & Watt (London). 22 Feb. 1799.  
*Daintry Ryle & Co. have ordered a new engine. Extract from a letter from James Lawson about an estimate. John Stein of Canon Mills wants an estimate. Enclosing letters from Mr. Carne and Davies Giddy. Progress at the Foundry. Samuel Hurt is still in Shropshire. Can Boulton & Watt visit Mr. Pinniel, brass founder, to enquire about Mr. Marsland's cocks.*
- 15.** Letter. Gregory Watt (Soho) to James Watt Jr. (London St.). 24 Feb. 1799.  
*Encloses a letter from Mr. Kendall. John Southern has an indistinct memory of an engine order from Copenhagen. James Lawson is having trouble with his post. The advertisement for the runaway moulder is being published in various newspapers.*

- 16.** Letter. Gregory Watt (Soho) to M. R. Boulton (London St.). 26 Feb. 1799.  
*Enclosing two letters worth "the consideration of the synod". Price of Rowley ragg. The grinding stone mill will soon be at work. Samuel Hurt found iron at Stourport.*
- 17.** Letter. Gregory Watt (Soho) to James Watt (London St.). 28 Feb. 1799.  
*Can James Watt send Mr. Giddy and Mr. Carne's letters. Orders from James Hind & James, Clegg & Co., Mr. Rupp. Enclosing Mr. Pearson's indenture and a letter from Mr. Crummer. Can James Watt remind James Watt Jr. about William Murdock's wig.*
- 18.** Letter. Gregory Watt (Soho) to M. R. Boulton (13 London St.). 11 Mar. 1799.  
*Thanks M. R. Boulton for offering his services in Cornwall. Has told Mr. Carne they can make a cylinder for him. Letters from Thomas Wilson saying that Murdock is missed in Cornwall, Mr. Pearson's attending on Polgooth engine and Jos. Vivian and Thomas Mitchell's story that the Chancellor had said Boulton & Watt's patent expired in 1796. James Watt and James Watt Jr. want M. R. Boulton to pay Mr. Wilkinson the upholsterer for a sofa. Directions for work on the apartment.*
- 19.** Transcripts.  
*Two transcripts sent by Gregory Watt to M. R. Boulton in London in Mar. 1799 as follows:*  
Letter. Gregory Watt to James Watt Jr. Sept. 1797.  
*Annexing a copy of a letter from M. R. Boulton. Presumes some of the party in London are coming back to Birmingham. Has looked at some lead specimens from Leadhills.*  
Transcript of abstract. M. R. Boulton (Soho) to James Watt Jr. Sept. 1797.  
*Visit of Andrew Vivian and Richard Trevithick to negotiate on the arrears of various Cornish mines. Extensive details of the negotiations.*
- 20.** Letter. Gregory Watt (Soho) to M. R. Boulton (Truro). 23 Mar. 1799.  
*On the same sheet:*  
Transcript of letter. Ambrose Weston to Boulton & Watt. 21 Mar. 1799.  
Transcript of letter. Boulton & Watt (Soho) to R. A. Daniell. 23 Mar. 1799.  
*Annexing copies of letters to R. A. Daniell. They are procrastinating with Daniell until the case with Maberley and Hornblower is settled.*
- 21.** Letter. Gregory Watt (Soho) to M. R. Boulton (care of Mr. Wilson, Truro). 27 Mar. 1799.  
*Matthew Boulton is busy with the assizes and Harbourne poor levies. He is uneasy about the Parliamentary proceedings about copper and the ferment this is causing in Cornwall, and is worried about M. R. Boulton's safety. Mr. Hurd told Mr. Williams the proceedings of a meeting of the Rose Copper Company and has been expelled. William Murdock is determined to visit Cornwall.*
- 22.** Letter. Gregory Watt (Soho) to James Watt Jr. (London). 19 Apr. 1799.  
*Enclosing a letter from Taylor Weston & Co. James Lawson says their engine is in good condition.*
- 23.** Letter. Gregory Watt (Soho) to James Watt Jr. (London). 23 Apr. 1799.  
*Enclosing a letter from W. Reynolds & Co., and an estimate for the pantry. The Coalbrookdale Co. have delivered their account. Richard Dearman wants an abatement of the premium on the Horsehay forge engine.*
- 24.** Letter. Gregory Watt (Soho) to James Watt (London St.). 25 Apr. 1799.  
*Progress at the Rookery – can James Watt tell James Watt Jr. Details of work done in the garden and adjoining fields, whitewashing etc. "Demolition" of Simon Vivian's toe by an iron bar.*
- 25.** Letter. Gregory Watt (Soho) to James Watt Jr. (13 London St.). 26 Apr. 1799.  
*Enclosing a letter from M. R. Boulton. John Southern wants instructions for Gavin McMurdo and Mr. Varley. S. Brimley's expenses for shoes and shirts while working with Varley in Wales. An estimate for a ram has been received. Lawson's report of the completion of a rod was wrong. M. R. Boulton directed that the young man sent by William Brunton from Scotland should accompany him and R. Potter should go with McMurdo.*

- 26.** Letter. Gregory Watt (Soho) to James Watt Jr. (London). 28 Apr. 1799.  
*Complaints by Mr. Pattison of Glasgow about James Lawson's estimate of a 40 horse engine. They have confirmed the estimate.*
- 27.** Letter. Gregory Watt (Soho) to James Watt Jr. (London). 1 May 1799.  
*The boring rod has arrived from Lowmoor iron works. They are sending Mr. Varley to Newcastle and Gavin McMurdo to Rotherham. William Brunton and his young man are going to Glasgow, R. Potter with McMurdo. Progress with the whitewashing and garden at the Rookery. No news of William Murdock's return from Cornwall.*
- 28.** Letter. Gregory Watt (Soho) to M. R. Boulton (Thomas Wilson's, Truro). 20 May 1799.  
*James Watt Jr. has gone to Minera mine. James Watt says that the proposal about William Murdock will be deliberated on. The little engine is working well. The great rod has arrived. John Southern is going to Newcastle and James Lawson has gone to Manchester. Can M. R. Boulton tell Thomas Wilson that Charles [Wilson's son] is getting better.*
- 29.** Letter. Gregory Watt (Soho) to James Watt Jr. (—). 6 Sept. 1799.  
*James Lawson has sent orders from Mr. Rathson and John Philp & Co. Mr. Homfray has paid his account but not the interest. Hopes the mare proves good. William Murdock is a little better and has removed to the Rookery at Gregory Watt's order.*
- 30.** Letter. Gregory Watt (Soho) to James Watt Jr. (care of Samuel Homfray, Penydarren). 10 Sept. 1799.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 16 Aug. 1799.  
Transcript of letter. Messrs. Westons to Boulton & Watt. Circa 8 Sept. 1799.  
*Annexing letters from van Liender and Westons, enclosing a letter from M. R. Boulton. William Murdock is still ill. Another man has "eloped" from the Foundry, Edward Edwards. Marshall & Benyons have sent their premium. The Southern's have a fourth daughter.*
- 31.** Letter. Gregory Watt (Soho) to M. R. Boulton (care of Thomas Wilson, Truro). 14 Sept. 1799.  
*On the same sheet:*  
List of engine parts.  
*John Southern's proposals for an engine for Rosewald Hill. William Murdock's patent has passed the Great Seal. His illness has delayed work on the boring mill. They have received several orders, including several from Scotland. Encloses a letter from Thomas Pearson. James Watt is going to Devon. James Watt Jr. was at Penydarren but has not written to say where he is now. He has the specification of Murdock's patent which is needed in London.*
- 32.** Letter. Gregory Watt (Soho) to James Watt Jr. (Bala). 17 Sept. 1799.  
*William Murdock, John Southern and himself have revised Murdock's patent specification. They have had many requests for estimates. Murdock is better and has encouraged the men working on the boring mill. They have received orders from John Pattison, John Philp & Co. and John Simpson & Co. John Parker is working with Murray & Wood – James Lawson has gone after "that delinquent". Queries over Mr. Lee's order. Their parents are in Somerset heading for Devon, M. R. Boulton has returned from Cheltenham and Mrs. Matthews has arrived.*
- 33.** Letter. Gregory Watt (Soho) to M. R. Boulton (London). 23 Sept. 1799.  
*On the same sheet:*  
Draft of letter. Gregory Watt to Chi<sup>n</sup>. Gottfreid Jaeger (London). 23 Sept. 1799.  
*Congratulates M. R. Boulton on the success in the case against Hornblower and Maberley. Enclosing a letter from Mr. Jaeger and his draft reply.*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 211**

**3/77 Letters to James Watt Junior, M R Boulton, 1800 (13 items)**

1. Letter. Gregory Watt (Bristol) to James Watt Jr. (Soho). 21 Jan. 1800.  
*Mis-dated as 1799 by Gregory Watt.*  
*Docketed "Enclosing Varley's agreement. State of Amatt & Co.'s engine. Has not met with Mr. James. Copying machines for Mr. Priest. Has written to Sirhoury Co. Illness of Mrs. Beddoes and of Thomas Wedgwood."*
2. Letter. Gregory Watt (Soho) to M. R. Boulton (London). 3 Feb. 1800.  
*On the same sheet:*  
Transcript of letter. James Watt Jr. for Boulton & Watt (Soho) to Rev. M. Niper (13 Prince's Square, Ratcliffe Highway). 6 Oct. 1799.  
*Docketed "Enclosing copy of our letter to Mr. M. Niper of Oct. 29<sup>th</sup> 1799. Qualities and quantities of Swedish iron used by us. Cost of sundry items of a 30 horse engine for General Bentham."*
3. Letter. Gregory Watt (Soho) to M. R. Boulton (London). 5 Feb. 1800.  
*Docketed "Proceedings at the Foundry. Queries about London accounts. State of orders etc."*
4. Letter. Gregory Watt (Soho) to M. R. Boulton (13 London St.). 9 Feb. 1800.  
*Docketed "Weight of a 30 horse engine. Order expected from Elliot's. Operations at the Foundry. Carne presses for Herland materials. Edington offers old sable. Wilson's letters etc."*
5. Letter. Gregory Watt (Soho) to James Watt Jr. (—). 13 Feb. 1800.  
*Docketed "Further letters respecting Hornblower. Leeming. Theft at the Foundry. Progress at Stuttle's and Dearman's. Arkley & Childs' engine sent off. Remittance of Barnes. Commission for German fossils."*
6. Letter. Gregory Watt (Soho) to James Watt Jr. (—). 14 Feb. 1800.  
*Docketed "With copies of letters respecting mahogany sold by Mclver."*
7. Letter. Gregory Watt (Soho) to M. R. Boulton (Truro). 23 Aug. 1800.  
*Docketed "Advice of having forwarded sundry documents relative to Hornblower's case. Account of W. Gilpin's accident at the Foundry. Increase of orders. Offer to look out for horses. Directions given to Stone respecting the curricle."*
8. Letter. Gregory Watt (Soho) to M. R. Boulton (Truro). 3 Sep. 1800.  
*Docketed "Receipt of Herland balance. Death of Gilpin. Want of melting pig from the interruption of the Severn navigation. Edington exasperated at the delay in the execution of the Carron Iron Works engine. James Watt Jr. still in Wales."*
9. Letter. Gregory Watt (Soho) to M. R. Boulton (Truro). 9 Sep. 1800.  
*The letter is written on the reverse of a printed "List of the Metal Materials to be furnished by Boulton & Watt" for an engine for Wheel Alfred. Docketed "Estimate for Wheel Alfred adventurers of a 28 inch single engine."*

10. Letter. Gregory Watt (Soho) to M. R. Boulton (Truro). 11 Sep. 1800.  
*Docketed "Omission in not stating the freight of the materials for the Wheal Alfred estimate. Cassady absconded in debt – history of his transgressions. Directed Stone to send the curricle with Dr. Carmichael's horses to Soho."*

11. Letter. Gregory Watt (Bristol) to James Watt Jr. (Soho). 21 Oct. 1800.  
*On the same sheet:*

Account. Thomas Dyer's account. 16 Sep.—17 Oct. 1800.  
*Docketed "Statement of Dyer's situation, account and prospect."*

12. Letter. Gregory Watt (Bristol) to James Watt Jr. (Soho). 23 Oct. 1800.  
*Docketed "Detail of his excursion. Bristol accounts. Mr. Price likely to want engine. Projected visit to Blandford."*

13. Letter. Gregory Watt (Bristol) to James Watt Jr. (Soho). 25 Oct. 1800.  
*Docketed "Remits £135.3 from Amatt & Co. – balance of account. Visit to Wilcox."*

**3/78 Letters to James Watt Junior, 1801-1802 (14 items)**

1. Bundle label.

*In Henry Hazleton's hand.*

*Marked "Gregory Watt to his brother James 1797, 1801 & 1802."*

2. Letter. Gregory Watt (Stoke) to James Watt Jr. (Soho). 17 Mar. 1801.  
*Docketed "Visit to Mr. Eardley and arrangement made for Sir Nigel Gresley."*

3. Letter. Gregory Watt (York) to James Watt Jr. (Soho). 28 Apr. 1801.  
*Docketed "Visits Rotherham. Visits Low Moor. Payment from Marshall & Co. Payment from J. & J. Walker. Payment from Holdforth & Co. who make a claim for expenses on 20 horse engine. Humble absent. State of J. & J. Wright's bankruptcy. Furnace near Tadcaster."*

4. Letter. Gregory Watt (Newcastle) to James Watt Jr. (Soho). 1 May 1801. 2 sheets.  
*Docketed "Journey from Leeds to Durham. Visit to Messrs. Salvin's. Chester Le Street furnace extinct. Sees Richardson's flax mill. G. Hill to make out Barnes' account. Dudgeon to advance money to G. Taylor's wife. Appointment at Walker and Benwell. Drawing of Fairpit left with Mr. Buddle. Trustees of Lambton suspend order. Easterby Hall & Co.'s rolls etc. State of orders at Michael Hackworth's. Description of Chapman's rope walk. Meeting appointed with Mr. Peareth. Visit to collieries upon the Wear. Tyne Iron Co.'s situation. Appointment with Mr. Blackett. Appointment with the Kenton viewer. Intended excursion up the Tweed."*

5. Letter. Gregory Watt (Newcastle) to James Watt Jr. (Soho). 4 May 1801.  
*On the same sheet:*

Account. Statement of Michael Wheatley's account.

*Docketed "Statement of Michael Wheatley's account. Statement of Mr. Barnes' account. Receipts from sundries. Settlement with Hebburn. Remittance of £50 from Hebburn. Visit to Wylam Colliery. Visit to Lemmington, Tyne Iron Co. Price of materials there. Account of buildings. Intends setting out for Berwick."*

6. Letter. Gregory Watt (Edinburgh) to James Watt Jr. (Soho). 6 May 1801.

*Docketed "Has received our letters to Newcastle. Dudgeon to deliver that to Richardson. Gateshead Park account not settled. Dudgeon offers his services. Coal mine near Berwick. Strata up the river and along the sea coast. Harbour at Dunbar. Enclosing £20."*

7. Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 12 May 1801. 2 sheets.

*The outside of the letter is directed to Boulton Watt & Co.*

*Docketed "Visit to Geddes & Co. and bad account of Hanley. Cooper's spleen. Good performance of Inveresk engine – payment of account delayed. Walter Fergus & Co. have paid Lawson. Engine doing well. Halbeath have not begun to build. Situations for iron works in that vicinity. State of Lawson's health. Monach has got a beam. Dykes Smith's engine and premises."*

8. Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 17 May 1801. 2 sheets.  
*On the second sheet:*  
Transcript of letter. James Scott (Dundee) to James Lawson (—). 14 May 1801.  
*Docketed "Letter from Sandeman. State of Lawson's health. Has written to Creighton. Visits to Paisley and Johnston. Edington and Pattison well pleased. Account of Mushet's premises. Visit to Omoa and necessity of being punctual with that order. Pipes for Falmouth nearly done. Reflections upon situation for iron works near Hamilton etc. Probable fall of iron. Murdock gone into Ayr."*
9. Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 19 May 1801.  
*Docketed "Bill £415.13.10 from Mushet. Receipt of £7.17 from Cook & Co. Lawson not improved. Pipes to be set against engine account at Omoa. Favourable report of engine. Roper willing to engage. Proposals to Grieve, not mentioned to him by Lawson. Intended return by Johnston and Ayr. Monach is in good humour. Payment promised by sundries."*
10. Letter. Gregory Watt (Old Cumnock) to James Watt Jr. (Soho). 25 May 1801.  
*Docketed "Visit to Mr. Houston and Mr. Cunninghame. Walk to Ayr. Excursion about Cumnock. Appointments with Miss McGregor and Creighton. State of our law concerns at Edinburgh."*
11. Letter. Gregory Watt (Cockermouth) to James Watt Jr. (Soho). 27 May 1801.  
*Docketed "Refers to letter from Old Cumnock. Account of Muirkirk situation. Has been at Leadhills and Moffat. Met Creighton at Carlisle and gave him directions. Expects to be at home on Monday."*
12. Letter. Gregory Watt (London) to James Watt Jr. (Soho). 12 Jun. 1801.  
*Docketed "Account of the Godolphin trial and its successful issue."*
13. Letter. Gregory Watt (Soho) to James Watt Jr. (29 Norfolk St.). 3 Dec. 1802.  
*Docketed "Robert Potter returned. Doubts about sending him or Shakespear to Llanarmon. Creighton remits £200 from Fulton's. Lawson takes my horse to Manchester. Mr. Boulton indifferent. Lawrence on his way to London and his uncle dead. Letter with remittance from the Falmouth Water Works."*
14. Letter. Gregory Watt (Soho) to James Watt Jr. (29 Norfolk St., London). 9 Dec. 1802.  
*On the same sheet:*  
Transcript of letter. Boulton Watt & Co. (Soho) to J. Swann (London). 4 Oct. 1802. *Docketed "Enclosing copy of our letter to Mr. Swann. Also letter from Motteux & Co. Arrival of Mr. & Mrs. Watt."*

**3/79 Letters to James Watt Junior, M R Boulton, 1803**

**(17 items)**

1. Letter. Gregory Watt (Stoke) to James Watt Jr. (Soho). 4 Jan. 1803.  
*Docketed "Mr. Spode agrees to have the cylinder of his six horse engine returned. Countermands the 30 horse engine. Pumping engine wanted. Wedgwood's engine doing well."*
2. Letter. Gregory Watt (Glasgow) to Boulton Watt & Co. (Soho). 1 Jun. 1803.  
*Docketed "Messrs. Wilson's conceived the boiler included in our estimate. Order one upon the terms stated to them. Their engine house built and the colliery drowned. Thompson about to begin the erection. Visit to Omoa and performance of the engine and furnace. Particulars of the bankruptcy of the Calder Co. Vivian's quarrel with Mr. Dunlop – conceit and extravagance. Advance of £3 to him to credit of Gregory Watt. Thompson and Newman have also overdrawn their accounts. Settlement of Mr. Monteith's account and remittance of the balance - £59.19.3. Sword Haywood & Co.'s engine has been at work nearly a week."*

- 3.** Letter. Gregory Watt (Glenarbusk) to Boulton Watt & Co. (Soho). 13 Jun. 1803.  
*Docketed "Has been prevented by indisposition from waiting upon McGeorge. Vivian's account of the state in which he found the engine and supposed wilfull damage done to it. Creighton sent to Edinburgh to report upon it and settle with McGeorge. The foundations of Laird's engine house given way. Encloses a bill of loading to be forwarded to Woodward."*
- 4.** Letter. Gregory Watt (Glenarbusk) to James Watt Jr. (Soho). 13 Aug. 1803.  
*Docketed "Thompson and Newman at Hurler. Thompson has married and overdrawn his account. Vivian's report of the Perth engine. Forbes & Co.'s piston rod is bent again. Sword defers payment. Proposes to settle with McGeorge. Failures continue numerous."*
- 5.** Letter. Gregory Watt (Perth) to James Watt Jr. (Soho). 20 Aug. 1803.  
*Docketed "Conference with Sword respecting his account. Wishes account of men's time to be sent to Aberdeen. Vivian has done the Perth engine tolerable except a mistake in putting on the eccentric circles. Good account of the partners in the Perth Foundry."*
- 6.** Letter. Gregory Watt (Glasgow) to M. R. Boulton (Soho). 4 Sep. 1803.  
*Docketed "Good performance of the engines at Aberdeen. Account of the misfortunes at Forbes Lowe & Co. which are now fully repaired. Brown Chalmers & Co. order another boiler, flat grate. Creighton to write with particulars. Perth Foundry engine now performs to satisfaction of the parties. Settlement of account with them and remittance of the balance. Mr. Archer enquires about an engine for sawing."*
- 7.** Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 6 Sep. 1803.  
*Docketed "Remit the produce of the bill on Easton received from Walter Peters. Settlement with Sword Haywood & Co. Intends going to Edinburgh to settle with McGeorge. Wishes to have accounts which he may settle on his return."*
- 8.** Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 9 Sep. 1803.  
*Docketed "Interview with McGeorge and account of him and his engine. Misconduct of Vivian. McGeorge likely to relinquish his claim of allowances and to take up his not in cash in a week. Goodness of his connections. Remittance of £500 from Mr. Stirling who will pay the remainder in a few weeks. High character of Stirling's house. J. & R. Watson have narrowly escaped being involved in a considerable bankruptcy. Mr. John Hamilton impatient to receive his swords. Intended application to Messrs. Wilson."*
- 9.** Letter. Gregory Watt (Glenarbusk) to James Watt Jr. (Soho). 13 Sep. 1803. 3 sheets.  
*Letter continued on 15 Sep.*  
*Docketed "Has received payment from Wilson's in a note on Glasgow. Their engine ready – all but the pumps. Remarks on the sundry Scotch accounts. Has written to Monteith to demand payment of the protested bill on Pattison & Co. Good character of the Wilsons and Stirling at the expense of their neighbours. Cautions and preventatives against Scotch chicanery. Lawson accused of being too liberal in his promises. Remarks upon Creighton. Recommends Henry Creighton to be sent out under Lawson. Intended journey to Edinburgh etc."*
- 10.** Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 16 Sep. 1803.  
*Docketed "Remits the proceeds of Messrs. Wilson's bill for £650. Monteith has produced bills which A. Hamilton will discount. No news of McGeorge."*
- 11.** Letter. Gregory Watt (Glasgow) to James Watt Jr. (Soho). 18 Sep. 1803.  
*Docketed "Will take Creighton on to Newcastle. Monteith's connection with Pattison. He has produced bills to take up his draft at the Watsons'. Varley writes he has completed the engine at Bangor and gives a deplorable account of his accommodations. Wants instructions for his next job. Henry Vivian sent to Sir John Hope's, a further trial of him being thought advisable. McGeorge offers bills at 2, 4 and 6 months."*

12. Letter. Gregory Watt (Newcastle) to James Watt Jr. (Soho). 26 Sep. 1803. 2 sheets. *Docketed "Payment of Pattison's bill by Monteith. White's executors demur to the payment of our demand of £80. The settlement entrusted to Creighton. State of McGeorge's engine. His attempts to evade payment. He proposes to pay half in three and half in four months, with security. The affair put into the hands of Mr. Hotchkiss who is to write the result to Soho. Sir John Hope's engine nearly finished. Vivian kept close to his works. Vivian to be employed at Haig's after he has finished at Inveresk. Absence of Dudgeon and William Chapman."*

13. Letter. Gregory Watt (Newcastle) to James Watt Jr. (Soho). 27 Sep. 1803. *Docketed "Visit to the Tyne Iron Works. Meeting of the partners to settle about Surtees' share. Extent of the establishment and particulars of their engines. Conversation with Michael Wheatley on the subject of a new agreement. Difficulty of procuring payments."*

14. Letter. Gregory Watt (Durham) to James Watt Jr. (Soho). 30 Sep. 1803. *Docketed "Account of Dudgeon's establishment and manufactory of engines. State of Easterby Hall & Co.'s concerns. Observations on Surtees and Burdon. Heaton Colliery promises payment. Causes of Mr. Liddle's failure. Creighton paid the balance owing by Ransom & Ellerby. Grimshaw & Co. say they have sent another rope. Festival at Jarrat Colliery. Creighton to get Taylor's time at Hawkes & Co. and Kenton Colliery."*

15. Letter. Gregory Watt (Manchester) to James Watt Jr. (Soho). 10 Oct. 1803. *Docketed "Progress from Durham. Receipt from Wormald & Co. at Leeds. Visit to Low Moor and Mr. Dawson's opinion of the engine trade. Mr. Irving has left Manchester. Jones absent. Mr. Lee desires his wheels may not be forgotten."*

16. Letter. Gregory Watt (Stoke) to James Watt Jr. (Soho). "Wednesday" [19 Oct. 1803]. *Docketed "Spode will adopt the alteration recommended by us but cannot procure the pattern from Manchester. An order for immediate payment of the colliery engine has been made out."*

17. Letter. Gregory Watt (Heathfield) to James Watt Jr. (Soho). "Sunday" [Dec. 1803]. *Docketed "Notice of mistake in Sir Robert Smith & Co.'s account."*

**MS 3147/3/245-299: Incoming Correspondence and Papers:**

**Letters from Agents, Engine Erectors and Employees at Soho**

Typescript listings from Black Binder for MS 3147/3/245-299

**3/245 Thomas Barnes, 1794-1798 (61 items)**

1. Bundle wrapper.

*Marked "Barnes 1794—1798. Another parcel 1799, 1800."*

2. Transcript of letter. Thomas Barnes (Walker Colliery) to Boulton & Watt [Soho].

24 Apr. 1794.

*The original of this letter was returned to Barnes to clear up a point about the Gateshead Park engine.*

3. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt [Soho]. 13 Oct. 1794.

*Docketed "Brandling."*

4. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 24 Oct. 1794.

*Docketed "Brandling."*

5. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt [Soho]. 16 Dec. 1794.

*Docketed "Brandling."*

6. Letter. Thomas Barnes (Newcastle) to Boulton & Watt (Soho). 7 Jan. 1795.

*This letter was passed to John Southern. Docketed "Sherriff Hill."*

7. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 20 Jan. 1795.  
*Docketed "Walker and Benwell orders."*
8. Letter. Thomas Barnes (Newcastle) to Boulton & Watt (Soho). 14 Feb. 1795.
9. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 10 Mar. 1795.
10. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 24 Mar. 1795.
11. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt [Soho]. 30 Apr. 1795.  
2 sheets.  
*On the second sheet:*  
Letter. Thomas Barnes (Walker Colliery) to John Southern [Soho]. 30 Apr. 1795.
12. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 11 May 1795.  
*The sheet has been used for various calculations.*
13. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt [Soho]. 22 Jun. 1795.  
2 sheets.
14. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 27 Jun. 1795.
15. Letter. Thomas Barnes (Newcastle) to John Southern (Soho). 19 Jul. 1795.
16. Letter. Thomas Barnes (Newcastle) to Boulton & Watt (Soho). 18 Aug. 1795.  
*Docketed "Wall."*
17. Letter. Thomas Barnes (Walker Colliery) to John Southern [Soho]. 21 Aug. 1795.
18. Letter. Thomas Barnes (Walker Colliery) to John Southern [Soho]. 14 Oct. 1795.  
*Mis-docketed by Southern as 1796.*
19. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 28 Oct. 1795.
20. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 2 Nov. 1795.
21. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 16 Nov. 1795.
22. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 30 Nov. 1795.
23. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 4 Dec. 1795.  
*Docketed "Glass."*
24. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 12 Dec. 1795.  
*Docketed "Answered."*
25. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 14 Dec. 1795.  
*Docketed "Cowpen."*
26. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 11 Jan. 1796.
27. Letter. Thomas Barnes (Walker Colliery) to James Watt Jr. (Soho). 13 Mar. 1796.
28. Letter. Thomas Barnes (Walker Colliery) to James Watt Jr. (Soho). 17 Mar. 1796.
29. Letter. Thomas Barnes (Walker Colliery) to James Watt Jr. [Soho]. 9 May 1796.
30. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 13 May 1796.  
*Docketed "Length of shafts. Diameter of barrels etc."*

31. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 4 Jun. 1796.
32. Letter. Thomas Barnes (Newcastle) to James Watt Jr. (With Mr. Gott, Leeds). 30 Jun. 1796.  
*This letter was docketed by John Southern.*
33. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 11 Jul. 1796.
34. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 12 Jul. 1796.
35. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 17 Jul. 1796.
36. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 25 Jul. 1796.  
*Docketed as 26 Jul.*
37. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 26 Sep. 1796.
38. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 15 Jan. 1797.
39. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 17 Jan. 1797.  
*Docketed "Observations on the working of Walker Colliery pump engine. Remittance promised. State of the following coal winding engines – Hebburn, Heaton, Wall's End, Cowpen. Materials of Wellington and Biggs Main wanted. Mr. Peareth threatened by Maberley. The latter's unfounded assertions respecting his engine's premium."*
40. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 30 Jan. 1797.  
*Docketed "Hebburn."*
41. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 30 Jan. 1797.  
*Re-directed to 13 London St. by John Southern. On the same sheet:*  
Letter. John Southern [Soho] to Boulton & Watt [London]. 1 Feb. 1797.
42. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 10 Feb. 1797.  
*With coloured pen and wash sketch on the same sheet.*  
*Docketed "Hebburn – mode of brake and discharge."*
43. Letter. Thomas Barnes (Walker Colliery) to James Watt Jr. (Soho). 24 Mar. 1797.
44. Letter. Thomas Barnes (Walker Colliery) to John Southern [Soho]. 25 Mar. 1797.
45. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 26 Mar. 1797.
46. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 4 Apr. 1797.
47. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 16 Apr. 1797.  
*Docketed "About cast iron panels, Lawson Main, etc."*
48. Letter. Thomas Barnes (Edinburgh) to John Southern (Soho). 3 Aug. 1797.
49. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 12 Nov. 1797.  
*Docketed "Remits for panels. Relation about George Taylor. Price of working barrels brass."*
50. Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 19 Dec. 1797.  
*Docketed "Size of pump rods. Method of forging them. Elastic connector. About ropes. A pair of Sunderland does not promise well."*
51. Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 10 Feb. 1798.  
*Docketed "Application for an engine for Wylam Colliery."*

- 52.** Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 23 Feb. 1798.  
*Docketed "Consumption of ropes by our engine and suggestions towards a cure."*
- 53.** Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 25 Apr. 1798.  
*Docketed "Orders 2 brass working barrels for Gateshead Park."  
With pen and wash sections of the barrels on the same sheet.*
- 54.** Letter. Thomas Barnes (Walker) to John Southern (Soho). 18 Jul. 1798.  
*On the same sheet:*  
Letter. James Watt Jr. (Newcastle) to John Southern (Soho). 15 Jul. 1798.  
*Docketed "About Kenton rope barrel."*
- 55.** Letter. Thomas Barnes (Walker) to James Watt Jr. [Soho]. 5 Aug. 1798.  
*Docketed "Comparative trial of Mr. Chapman's ropes."*
- 56.** Letter. Thomas Barnes (Newcastle) to Boulton & Watt (Soho). 6 Aug. 1798.  
*Docketed "To prepare a 63 inch cylinder engine for Wylam Colliery."*
- 57a** Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 20 Aug. 1798.  
*Enclosing (b) below. Docketed "Mr. Blackett in great haste. Wants drawing of beam. Will send drawings of old engine house. Barnes not well."*
- b.** Memorandum. Directions for Mr. Blackett's engine and drawings etc.
- 58a.** Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 25 Sep. 1798.  
*Enclosing (b) below.  
Docketed "About coiling barrel. Proposition for Fair Pit machinery. Kenton and Fishwick's materials arrived. Chapman's ropes. Campbell & Gibson's set to work. Is confined by rheumatism."*
- b.** Memorandum. Comparative trial between Chapman's & common ropes. 2 Aug. 1798.
- 59.** Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 27 Oct. 1798.  
*Docketed "Chiefly about Fair Pit."*
- 60.** Letter. Thomas Barnes (Walker Colliery) to Boulton & Watt (Soho). 16 Nov. 1798.  
*Docketed "Acquiesces in the proposal to strengthen the railway pattern. Will make the plummer blocks himself. Campbell & Gibson have cast Jeffries in £500 and costs."*
- 61.** Letter. Thomas Barnes (Walker Colliery) to John Southern (Soho). 18 Dec. 1798.  
*Docketed "Orders rails at 36 lb. Has tried his own. Has a new pair of Chapman's ropes. Will make a charge of extra articles of Fair Pit and forward it."*

**3/246 John Buchanan, 1780-1785 (20 items)**

- 1.** Note about James Lawson and William Playfair's time working for James Watt & Co., 1780.  
*In John Buchanan's hand.*
- 2.** Letter. John Buchanan (Soho) to James Watt [Cusgarne]. 8 Jul. 1781.
- 3.** Letter. John Buchanan (Soho) to James Watt (Cusgarne). 14 Aug. 1781.
- 4.** Letter. John Buchanan (Soho) to Matthew Boulton [London]. 23 Aug. 1781.  
*On the same sheet:*  
Transcript of letter. John Onions (Benthall) to Boulton & Watt. 20 Aug. 1781.
- 5.** Letter. John Buchanan (Soho) to James Watt (Cusgarne). 11 Oct. 1781.  
*Docketed "Prices of Holland from Mr. McGrigor."*

- 6.** Letter. John Buchanan (Soho) to James Watt (Cusgarne). 6 Nov. 1781.  
*On the same sheet:*  
Transcript of letter. James Playfair [London] to John Buchanan [Soho].
- 7.** Letter. John Buchanan (Soho) to Boulton & Watt (Cusgarne). 29 Nov. 1781.
- 8.** Letter. John Buchanan (Soho) to James Watt (Cusgarne). 12 Dec. 1781.
- 9.** Letter. John Buchanan (Soho) to James Watt (Cusgarne). 1 Feb. 1782.
- 10.** Letter. John Buchanan (Soho) to James Watt (Cusgarne). 19 Feb. 1782.
- 11.** Letter. John Buchanan (Soho) to James Watt [Harper's Hill]. "Wednesday" [2 Oct. 1782].  
*Docketed by Watt as 1 Oct., which was a Tuesday.*  
*Docketed "Copy of letter from J. Hall and other matters."*
- 12.** Letter. John Buchanan (Soho) to James Watt (Harper's Hill). 6 Aug. 1783.  
*Docketed "Experiment on the stiffness of iron."*
- 13a.** Note. John Buchanan to James Watt. "Saturday" [1784].  
*Enclosing (b) below.*  
*Docketed "Experiments on engine and about Henderson."*
- b.** Note of the performance of the engine at Soho.
- 14.** Letter. John Buchanan (Soho) to James Watt (Harper's Hill). "Friday Morning"  
[Feb. 1784].  
*Docketed "Concerning Pickard and Twamley."*
- 15.** Letter. John Buchanan (Soho) to James Watt (Harper's Hill). "Saturday Morning" [Apr. 1784].
- 16.** Letter. John Buchanan (Soho) to James Watt (Harper's Hill). 16 Apr. 1784.
- 17.** Letter. John Buchanan (Soho) to James Watt (6 Green Lettice Lane). 29 Sep. 1784.
- 18.** Letter. John Buchanan (Soho) to James Watt (Harper's Hill). 14 Mar. 1785.
- 19.** Note. John Buchanan to James Watt. "Soho 5 o'clock" [May 1785].
- 20.** Letter. John Buchanan (Dale End) to James Watt (Harper's Hill). "Monday Morning"  
[Oct. 1785]. *Docketed "Account settled."*

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DETAILED LISTING

**REEL 212**

**3/247 Henry Creighton, 1804-1809 (80 items)**

1. Letter. Henry Creighton (Coniston) to Boulton Watt & Co. (Soho). 19 Oct. 1804.  
*Docketed "Health improved. Will return to Manchester in a day or two."*
2. Letter. Henry Creighton (Manchester) to James Lawson (Soho). 29 Dec. 1804.  
*Docketed "Catterall's goods detained by the frost at Fazeley. Orders cement for Marsland & Robinson. Pooley's pipes not arrived."*
3. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 28 Apr. 1805.  
*Docketed "Order for a 24 horse cylinder for Messrs. Southam. See his letter of 9 May."*
4. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 9 May 1805.  
*Docketed "Southam's intended enlargement of their engine suspended. Daintry & Co. want a man to erect their engine. Same hand might afterwards erect Parsons'. Radcliffe & Ross wish to know when their pipes will be completed."*
5. Letter. Henry Creighton (Leicester) to Boulton Watt & Co. (Soho). 26 Jul. 1805.  
*Docketed as 25 Jul: "Report of the state of Mr. Cox's engine. Has got the principal defects modified and the engine to work tolerably well. Mr. Cox refuses to pay our account until he has had a further trial of the engine. Intends being in Birmingham on Friday."*
6. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 13 Jan. 1806.  
*Docketed "Kenworthy's piston rod broke. Order for a new one. Complaints about Smith's engine and Daintry & Co.'s pipes."*
7. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 25 Mar. 1806.  
*Docketed "Remittance in account of Wood & Harrop and a small surplus to the credit of McConnell & Kennedy."*
8. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 7 Apr. 1806.  
*Docketed "Has made sketches for Mr. Gott's photogenous apparatus. Receipts from Humble and M. & J. Bateson. Foster will settle with Mr. Lawson. Askham Eyre & Co. complain of the syphons sent, which they will return. Their engine out of order. Want us to take back a rotative shaft and steam pipe. Mr. Fenton will not begin the erection of his engine for 2 or 3 months. Order for six horse boiler for Messrs. Gott Wormald & Co. They want sketch of king post for beam."*
9. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. [Soho]. 12 Apr. 1806.  
*Docketed "With sketches of Mr. Gott's mills and his orders for photogenous apparatus. Conversation with Mr. Andrew respecting his order. Defects of Dixon & Co.'s working gear, to be altered at Whitsuntide. Ridgway orders cylinder lid for his 24 horse engine. Mr. Leach's engine to be tried on Thursday."*
10. Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 12 Apr. 1806.  
*Docketed "Statement of facts respecting Mr. Andrew's order. W. Murdock Jr. will have finished at Mr. Leach's in a week."*

- 11.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 14 Apr. 1806.  
*Docketed "Mr. G. Cheetham wants estimate of a 20 horse etc. Mr. Hutton arrived. Mr. Bridge to have a spare air pump bucket."*
- 12.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 9 May 1806.  
*Docketed "Account of Baron & Ditchfield. Mr. Penson of Wigan wants a lighting apparatus. State of Mr. Lodge's engine at Halifax. Direction of Mr. Aston's fly wheel."*
- 13.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 13 May 1806.  
*Docketed "Gavin gone to Ridgway's. Instructions sent to him to proceed to Carlisle. Douglas & Co. intend to erect their 12 horse engine at Annan. Remittance from Newall Brothers."*
- 14.** Letter. Henry Creighton (Manchester) to John Southern (Soho). 19 May 1806.  
*Docketed "Return of Gavin from Carlisle. Order for small connecting wheel for Carlisle Twist Co. Gavin to do the repairs of S. Marsland's engine during the Race weeks. Robert McMurdo to go to Dixon & Co. Ridgway's to be finished this week. New breakage of bevil wheels and fly shaft at Holt Town. Proposes going to Holywell to take sketches of the mills there. Enquires about James Kennedy's shaft."*
- 15.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. [Soho]. 28 May 1806.  
*Docketed "With photogenous sketches of the Holywell mills. Mr. Douglas wants estimates of them and his mill at Pendleton. Robert McMurdo making alterations of eccentric etc. at Dixon & Co. Ridgway's engine started. His enquiry about coin. Ewart to send the sketches of his mill."*
- 16.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. [Soho]. 14 Jun. 1806.  
*Docketed "Mr. Sandford wishes to have his engine thoroughly repaired. Cast iron box sent with Mitchell & Co.'s eccentric working gear does not fit. Receipt of £4.15 from Gaskell. Robert McMurdo to return home. Progress made at S. Bridge's. Gazometer for Ridgway to be forwarded. Order for Samuel Dodge, late Hunt's engine."*
- 17.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 29 Jun. 1806.  
*Docketed "Mr. Horrocks only wishes to have one of his mills lighted at first. Sketches of it and of Messrs. Watson & Co. to be sent in a day or two. Reference to Mr. Hutton respecting Waton & Co.'s account and statement of Gavin's time. Ashton's engine doing well. Employment of Gavin. Remarks on Mr. Bridge's materials. Receipt from Barlow & Son. Buchan & Shaw object to charge for Haden's expenses. Gavin, Robert and James McMurdo's time at their engine and charge for ditto. A. & G. Murray claim an allowance upon a broken cylinder lid. Enquiring for photogenous estimates. Orders spare segment of large connecting wheel for Dixon & Co."*
- 18.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 2 Jul. 1806.  
*Docketed "Inconvenient for Gavin to go to Wakefield, being urgently wanted at Manchester. State of Askham Eyre & Co.'s engine when he last saw it."*
- 19.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. [Soho]. 7 Jul. 1806.  
*Docketed "Explanation of the transaction with Watson Ainsworth & Co. Murrays agree to divide the cost of the new cylinder lid. 2 boxes of cement for Westerman."*
- 20.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 12 Jul. 1806.  
*Docketed "Result of his examination – Askham Eyre & Co.'s engine. Thinks the steam case can be repaired. Caulk joint chiefly leaking. Orders a new ball syphon."*
- 21.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 22 Jul. 1806.  
*Docketed "Explanations of Mr. S. Cheetham's order. P. Marsland orders the apparatus complete for his experimental boiler. Mr. G. Cheetham will want a hand for the erection of his engine in a month."*

**22.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 6 Aug. 1806.  
*Letter continued on 7 Aug.*

*Docketed "Mr. William Fenton states that he understood his father had remitted for the engine. Sketch of the proposed application of the engine to winding coals. Messrs. Walker's engines are performing well. Mr. S. Cheetham's to be sent as soon as it can be got ready."*

**23.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 26 Aug. 1806.  
*Docketed "Explanation of his arrangement with Askham Eyre & Co. Progress made by G. Taylor at Holme & Co.'s. Accident at Hanworthy's engine – James McMurdo repairing it. Mr. Lee gone to Scotland. Indifferent character of Mr. Lupton of Altrincham. Greg & Ewart order cement. P. Marsland proposes an alteration in his sizing cistern. S. Bridge wants his steam pipes."*

**24.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 29 Aug. 1806.  
*On the same sheet:*

Letter. John Holme & Co. (Rochdale) to Boulton Watt & Co. 27 Aug. 1806.

*Docketed "Letter from John Holme & Co. and remarks on the state of their engine. G. Taylor going to Wakefield. Kenworthy at work again."*

**25.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 18 Sep. 1806.  
*Docketed "Holme & Co. had packed their piston overtight. The engine now performs tolerably. G. Taylor has made Askham Eyre & Co.'s engine quite tight and is gone to Staleybridge. Fenton likely soon to want an engine erector at Greasbrough. Defects in the joints of the 14 and 20 horse nozzles. Remarks upon the fitting up of connecting rods and parallel motions."*

**26.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 1 Oct. 1806.  
*Docketed "Directions given to Horton about Appleton & Ogden's boiler. Bridge's engine started and performs well. Inspection of Mr. Kennedy's slide valves. Supposed insufficiency of Mr. P. Marsland's small boiler and safety valve. Samuel Cheetham's drawings to be followed etc. Order for sundry pipes etc. for Mr. P. Marsland. Receipt of Mr. James Kennedy's drawings."*

**27.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 11 Oct. 1806.  
*On the same sheet:*

Sketches. Boiler and pipes for Greenway Potter & Co., calico printers.

*Docketed "Order for boiler and heating apparatus for Messrs. Greenway Potter & Co."*

**28.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 17 Oct. 1806.  
*Docketed "G. Cheetham's engine will be finished in 3 weeks. Explanation of the boiler ordered for Greenway Potter & Co. Steam boxes etc. ordered by Fort Hargreaves & Co."*

**29.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 24 Oct. 1806.  
*Docketed "Mr. Wright inclined to have a 20 horse engine. Has taken particulars of his situation. Favourable report of his credit etc. S. Bridge has sold his 6 horse to Mr. Ryle and his 10 horse to Mr. Smith of Halifax, who wants a man to erect it. Receipt of £7.5.6 from Kenworthy. A. & G. Murray enquire about the directions given by Mr. Lawson for their fly shaft. Mr. Holgate's explanation of his application to us."*

**30.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 4 Nov. 1806.  
*Docketed "A. & G. Murray's small connecting wheel to be made to suit the shaft sent. They propose casting a new shaft themselves. Articles sent by Mr. Smith (the purchaser of Bridge's 10 horse engine) to be repaired. S. Cheetham's engine house nearly ready and well done. Wishes to dispose of his 4 horse engine. Report of the state of J. Bury's affairs etc."*

**31.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 8 Nov. 1806.  
*Docketed "Interview with Mr. Rowland of Oldham and remarks. The drawing of Mr. Marsland's 45 horse engine wait his return. Progress made by Mr. Lee in his photogenous apparatus. Mr. Lee to make further enquiries about Bury. Orders 6 boxes cement and new damper."*

- 32.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 13 Nov. 1806.  
*Docketed "Brought by George Taylor who has completed Mr. George Cheetham's engine. Mr. Smith not ready. Further particulars of the transaction with Greenway Potter & Co."*
- 33.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 29 Nov. 1806.  
*On the same sheet:*  
Account of Gavin McMurdo's time, 1806.  
*Docketed "Statement of Gavin McMurdo's time and expenses from 10 Feb. 1806. James McMurdo putting up Mr. Gott's boiler. Messrs. Knight undetermined about their engine etc."*
- 34.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 4 Dec. 1806.  
*Docketed "Statement of his account of travelling expenses etc. Derangement of Pooley's affairs, compromise with his creditors. Encloses account of advances etc. by McConnel & Kennedy. Their desire to have our counterstatement. Fenton's agent applies for an engine erector. Fort Hargreaves & Co. enquire about their engine."*
- 35.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 10 Dec. 1806.  
*Docketed "Remittance from Chatham and Messrs. Holmes. Estimate wanted by the latter. Promise of a remittance from Mr. Ridgeway."*
- 36.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 16 Dec. 1806.  
*Docketed "Fort Hargreaves & Co. desirous of having a large boiler if the engine is not sent off. Enquiry of Messrs. Murray after their connecting wheels. Order of Messrs. Sandford's."*
- 37.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 3 Jan. 1807.  
*Docketed "Receipts from McConnel & Co., Dixon Greenhalgh & Co., Taylor Weston & Co. and Ollivant & Co. Promises from W. Clegg and Ridgway & Co. for Wormald & Co.'s engine at Leeds. B. & W. Sandford want a man to repair their engine. Bury's affairs in statu quo. Knight and Holme & Co. object to our statements."*
- 38.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 8 Jan. 1807.  
*Docketed "Remits £227 from Alexander Smith & Co., ditto £68 from T. & J. Ollivant. Fracture of S. Bridge's fly shaft. Jos. Varley to set about the repairs of B. & W. Sandford."*
- 39.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 14 Jan. 1807.  
*Docketed "Particulars of the failure of Mr. Bridge's shaft. Bade report of Mr. Walter Peters. Proposes Varley to erect Messrs. Fort Hargreaves & Co.'s engine. Gavin to finish Messrs. Murrays' in 3 weeks. Proposes that he should erect Mr. Samuel Cheetham's next. Remittances promised by Mr. Clegg and Mr. Radcliffe. Has got some of the small accounts settled and expects to get more."*
- 40a.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 27 Dec. 1807.  
*Letter continued on 28 Dec. Enclosing (b) below.*  
*Docketed "Enclosing the results of three weeks' experiments with Mr. Lee's photogenous apparatus. Orders sundry pipes for Mr. P. Marsland's cold water pump. His engine will be started next week. Mr. Holme enquires about cement which Mr. Lawson was to have ordered. Birley & Sons complain of their engine not performing well."*
- b.** Memorandum. Results of the Experiments made with Mr. Lee's Photogenous Apparatus.  
28 Dec. 1807.  
*Reports by Henry Creighton and George A. Lee.*
- 41.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 10 Jan. 1808.  
*Docketed "Gavin gone to Birley & Sons. Suspects their engineman to be a schemer. Horrocks of Stockport has failed and the goods for him are stopped in the hands of the carrier. Further remarks on the experiments he is making with the new light. McConnel & Kennedy and James Kennedy wish to proceed with their apparatus. Proposes a new construction of the gazometer pits. Receipt of £4.6 from McConnel & Kennedy."*

- 42.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 16 Jan. 1808.  
*Docketed "Arrival of Mr. Brown whom he will accompany to Oakenshaw. Gavin's report on Messrs. Birley & Sons' engine. Gavin now at Messrs. Philips & Co.'s 4 horse engine. James McMurdo at Mr. Howard's."*
- 43.** Memorandum. Henry Creighton, Salford, 25 Jan. 1808. 2 sheets.  
*Docketed "Answers and observations relative to photogenous queries etc. Oeconomical [sic] statement for an average of 3 hours burning per day. Remarks upon seating of the small retort at the Foundry."*
- 44.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 29 Jan. 1808.  
*Letter continued on 30 Jan.*  
*Docketed "Further remarks upon his proposed new plan of gazometer for Mr. James Kennedy. Performance of Mr. P. Marsland's engine. Wishes the large connecting wheels to be made in a piece. Progress made in the dyehouse etc. at Fort Hargreaves & Co. Unfavourable report of Mr. Dumbell. Mr. H<sup>r</sup>. Birley wishes to have the photogenous sketches of his mill returned, and an estimate of the expense of a reduced apparatus. Indicator wanted to ascertain the power of Crumbleholme & Co.'s engine. John Lees wanted estimate of pumping engine with 36 inch cylinder. He complains of our boilers being too small. T. Philips & Co. order a new forcing pump to supply a cistern. Their statement of what Mr. Lawson promised that the boiler would perform in the way of heating vats etc. Mr. Lee admits the light to have been reduced from what it formerly was."*
- 45.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 8 Feb. 1808.  
*Docketed "Statement of men's time at P. Marsland's. Remittance of £1285 on Mr. Marsland's account who requests to be indulged with a month's time for the payment of the remainder. Nothing settled respecting Cheetham's debt. S. Horrocks' creditors intend selling his mill. Enquires about a small sizing apparatus supposed to have been ordered for Mr. Turner."*
- 46.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 12 Feb. 1808.  
*Docketed "Estimate of a pumping engine wanted by Mr. John Lees. Fort Hargreaves & Co. want a steam gauge."*
- 47.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 16 Mar. 1808.  
*Docketed "Confirms Mr. Kennedy's statement of Gavin's account. Gone to Oakenshaw."*
- 48.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 11 Apr. 1808.  
*Docketed "Mr. Howard's engine started well excepting the noise of the connecting wheels. Estimate of new nozzles and working gear wanted by Simpson & Co. Account of James McMurdo's time."*
- 49.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 16 Apr. 1808.  
*Docketed "Receipts from sundries. Birley & Co. enquire about the estimate of photogenous apparatus. Remarks on sundry unsettled accounts. Gavin will soon be in want of a job."*
- 50.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 27 Apr. 1808.  
*Docketed "Remittance of £1000 on account of Mr. Howard, who asks time for the remainder."*
- 51.** Letter. Henry Creighton (Roserea) to Boulton Watt & Co. (Soho). 25 May 1808.  
*Docketed "Progress made in Duffy & Co.'s and Anderson & Son's engine houses etc. John Brunton not arrived. G. Birch & Co.'s materials rusty. Recommended additional precautions in packing for Ireland. Duffy & Co.'s piston too large."*
- 52.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 7 Jun. 1808.  
*Docketed "Progress making at G. Birch & Co. Ditto at Messrs. Jamieson & Co.'s. John Brunton supposed to be detained at Belfast. Duffy & Co.'s small engine nearly finished. Enquires about allowance to Mr. Cassidy."*

- 53.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 24 Jun. 1808.  
*Docketed "G. Birch & Co.'s engine set to work and performs well. Statement of account with them. Settlement with Cassidy deferred for want of Johnson's account of repairs. Progress made at Duffy & Co.'s John Brunton arrived at Jamieson & Co.'s."*
- 54.** Letter. Henry Creighton (Belfast) to Boulton Watt & Co. (Soho). 6 Jul. 1808.  
*Docketed "Mr. Walsh wants estimate of a 6 horse engine. Favourable report of the engines at Belfast. Pollock & Co. deficient in injection water. Receipt of £23.5 from Seed & Baillie. Application from Mr. Joy for an estimate. State of forwardness of the Dublin engines."*
- 55.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 24 Jul. 1808.  
*Docketed "Bourke & Co. are to see some of the Dublin engines and then determine. T. & W. Wise undetermined whether to have heavy fly wheel. John Smith to set out immediately. James McMurdo in 3 weeks."*
- 56.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 25 Jul. 1808.  
*Docketed "By John Smith upon his return from Ireland."*
- 57.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 8 Aug. 1808.  
*Docketed "Bourke & Co.'s order dubious. Anderson & Son's engine at work and James McMurdo to return to Soho this week. Progress made at Duffy's. Messrs. Guinness have applied to him to work at their premises."*
- 58.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 13 Aug. 1808.  
*Docketed "James McMurdo has completed Anderson's engine to their satisfaction. Settlement of Cassidy's account."*
- 59.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 24 Aug. 1808.  
*Docketed "Messrs. Wise's drawings not received."*
- 60.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 25 Aug. 1808.  
*Docketed "Receipt of Messrs. Wise's drawings. Will set out for Cork immediately."*
- 61.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 10 Sep. 1808.  
*Docketed "Waiting for instructions etc. etc."*
- 62.** Letter. Henry Creighton (Dublin) to Boulton Watt & Co. (Soho). 15 Sep. 1808.  
*Docketed "Duffy & Co. have not come to any determination respecting their steam apparatus. The sketches will be preserved for a future occasion. Messrs. Guinness are getting out the foundations of their engine and Varley has received the directions we mentioned. Expects to leave Dublin in a few days."*
- 63.** Letter. Henry Creighton (Newcastle) to Boulton Watt & Co. (Soho). 3 Feb. 1809.  
*Docketed "Cause of the stoppage of Messrs. Wedgwood & Co.'s engine and remedy applied. The engine doing well bit overloaded. Mr. Wedgwood satisfied. Favourable report of Walker & Thompson's engine. The difficulty of starting Mr. Hamilton's removed by the new cistern."*
- 64.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 10 Feb. 1809.  
*Docketed "Defects in the cap and gudgeon etc. of P. Marsland's 45 horse. Is likely soon to be set to full work. Remarks on H. Birley & Co.'s lighting apparatus. The large sliding valve engines doing well. T. Houldsworth likely to want a 10 horse engine. P. Marsland and others making enquiries about the gas lights. Mr. Oldknow wants a rough estimate of a heating apparatus for his mill at Mellor."*

- 65.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 14 Feb. 1809.  
*Letter continued on 15 Feb.*  
*Docketed "Experiment to ascertain the proportion of gas and light in Worsley Canal coal. Also quantity of coke remaining. Thomas Philips & Co. are disappointed in not receiving the new boiler etc. Sundry complaints as to the burners – and improvements suggested. Also complaints relative to retorts of Mr. Lee's. Has settled some points with Mr. Barton about McCrane's engine."*
- 66.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 23 Feb. 1809.  
*On the same sheet:*  
Sketch. Plan of P. Marsland's new building at Stockport.  
*Docketed "Orders piston ring for Crumbleholme & Crompton, and cement. P. Marsland wants estimate of a lighting apparatus. Mr. Kennedy likely to light his mill. Thomas Philips & Co. want estimate of pipes for heating."*
- 67.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 27 Feb. 1809.  
*On the same sheet:*  
Sketch. Thomas Philips & Co.'s stove.  
*Docketed "Particulars of the heating apparatus for the stove of Messrs. Thomas Philips & Co. of which estimate is wanted."*
- 68.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 13 Mar. 1809.  
*Docketed "Remittance from H. Birley & Co. and statement of their account. Two elbow joints to be returned from them. Ridgway & Sons have settled small account. Are short of power. Have purchased a small engine from the Lancaster Canal. Gavin to repair Hilton & Sales' engine. Settlement of their account. John Howard has purchased Milner & Whittaker's engine. Appointment with Mr. Kenworthy."*
- 69.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 17 Mar. 1809.  
*Docketed "Remits bills from sundries. Mr. Kenworthy likely to order a small engine soon. Ridgways have purchased the 3 horse engine from the Lancaster Canal. Orders cement for T. Houldsworth."*
- 70.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. [Soho]. 7 Jul. 1809.  
*Docketed "Receipt from W. Howard & Co. for returned bill. Sends bill for £38. Enquiry about an extinguishing engine. Birley & Co. have purchased the Chorlton Twist Mill and are likely to want a large engine."*
- 71.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 11 Jul. 1809.  
*Docketed "Mr. Birley wants to know when the small order for little engine will be sent. Also separate cost of sundry articles for ditto."*
- 72.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 2 Aug. 1809.  
*Docketed "Advise wanted of the goods sent for Birley & Hornby's 4 horse engine. Also account of the cost of certain parts."*
- 73.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 13 Oct. 1809.  
*Docketed "Mr. Gott wants a sketch by which to arrange the gas pipes at Armley Mill. McConnel & Kennedy – 6 stories are lighted, and do well."*
- 74a.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 23 Oct. 1809.  
*Attached to (b) below.*  
*Docketed "Enclosing a letter from Mr. Hervey with enquiries relative to the comparative safety of the gas lights. The insurance officers have offered to reduce their premiums on buildings so lighted."*
- b.** Letter. James Hervey (Manchester) to Henry Creighton (Manchester). 20 Oct. 1809.

**75.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 31 Oct. 1809. *Docketed "Mr. Lees, a machine maker, wants estimate of a 4 horse engine. Encloses account of Gavin's time."*

**76a.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 7 Nov. 1809. *Kept with (b) below.*  
*Docketed "Has not heard anything of the parcel mentioned in our last. Marriott & Robinson's mill at work. Some chances of payment of the account were presented. Late S. Cheetham's affairs in a very bad state – and no chance from his son, who has the 20 horse engine. John Read is now a broker in Liverpool. Shallcross and his partner have left the country. Watson & Sons' affairs very bad. Radcliffe & Ross separated before their bankruptcy – are now doing a little business for themselves separate. Buchan & Shaw want their cylinder top. Orders to proceed with Pooley's nozzles. Birley & Hornby are ready for their engine materials. James Kennedy's slide valves perfectly good."*

**b.** Note of the time needed to complete Birley & Hornby's engine.

**77.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. [Soho]. 11 Nov. 1809. *Docketed "Has received the parcel sent the 4<sup>th</sup>. Mr. Holt wishes estimate of a new cylinder with short stroke. Gavin's time is not included in T. Philips & Co.'s account. An objectionable charge in P. Marsland's account. Gavin's time at P. Marsland. Is going to Stockport."*

**78.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 18 Nov. 1809. *Docketed "Receipt from sundries on account of Boulton Watt & Co. Ditto from Nichols & Haywood on J. Watt & Co.'s account. Remits bill for £50. Mr. James Kennedy better."*

**79.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 7 Dec. 1809. *Docketed "Encloses bill for £40 from W. & J. Bayley. McNaught & Drew would order a lighting apparatus if an extension of credit were given. Mr. John Harrison wants estimate of a 14 horse engine with a 16 horse boiler. Mr. John Philips still intends having a heating apparatus for the mill at Tean. Gavin continues unwell."*

**80.** Letter. Henry Creighton (Manchester) to Boulton Watt & Co. (Soho). 30 Dec. 1809. *Docketed "Statement of Gavin's time at sundries. Mr. Holt will want a man to assist in putting in his cylinder."*

**3/248 William Creighton, 1796, 1800-1805**

**(100 items)**

Letters from William Creighton from 1796, and from 1800 to 1805, and 1815. Creighton was one of Boulton Watt & Co.'s longest-serving engineers; prior to his taking over as head of the Drawing Office on the death of John Southern in 1815, he was a travelling engine erector and agent. During the period of this correspondence, he was based in Manchester, but made extended journeys to Scotland. He also attended engines in other towns within travelling distance from Manchester, such as Preston, Hull, Halifax, Macclesfield, Newcastle-under-Lyme and Chester.

**1.** Letter. William Creighton (Soho) to James Watt Jr. [London]. 8 Dec. 1796.

**2.** Memorandum. Copy of Instructions for Mr. Creighton. Jan. 1800.

**3.** Letter. William Creighton (Manchester) to Gregory Watt (Soho). 24 Feb. 1800. *Docketed "Mr. Haughton unable to find a purchaser for his engine. Goods lying at Manchester."*

**4.** Letter. William Creighton (Preston) to Boulton & Watt (Soho). 27 Feb. 1800. *Docketed "Application to Leeming for payment of his account. Mistake in ditto. Framing erecting. Order for copying paper."*

- 5.** Letter. William Creighton (Preston) to Boulton & Watt (Soho). 5 Mar. 1800.  
*On the same sheet:*  
Letter. Thomas Leeming (Preston) to Boulton & Watt (Soho). 4 Mar. 1800.  
*Docketed "Letter from Leeming. Manoeuvres of that gentleman. Wants instructions. Return to Manchester."*
- 6.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 9 Mar. 1800.  
*Docketed "Wanting estimate for Mr. P. Appleton. W. Rudge disengaged."*
- 7.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 14 Mar. 1800.  
*Letter continued on 15 Mar.*  
*Docketed "Remittance from James Lees. Ditto from Dean. Payment from McConnel & Co. Ditto from Marshall. Statement of delays and pretences urged by diverse. Estimates wanted for Hibbert & Smethurst. McMurdo gone to Horrocks. Kennedy & Nuttal ready to start. Rudge to be sent home. Query about W. Wright."*
- 8.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 21 Mar. 1800.  
*Docketed "Remittance from Holland & Co. Pleas urged by several for non-remittance. Hibbert & Smethurst have had estimates. James Nield has applied to Thomas Livesey. Stoppage of Drinkwater's engine. Mr. Horrocks not ready for Gavin. Estimates wanted for W. & T. Turner. Kennedy & Nuttal's engine nearly ready for work."*
- 9.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 1 Apr. 1800.  
*Docketed "Character of Messrs. Turner. Interview with Horridge and remittance of £100 from him. Pretences for not settling the account at present. Finds Wright at Leeming's. Grumbling of the latter. Horrocks cannot stop for the erection of the engine till June. W. Wright's time."*
- 10.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 10 Apr. 1800.  
*Docketed "Remittance of £140 on account of Green & Stephenson."*
- 11.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 15 May 1800.  
*On the same sheet:*  
Letter. William Creighton (Manchester) to Gregory Watt (Soho). 15 May 1800.  
*Docketed "Read's proposal for payment. Barton complains of charge of cement. The Chorlton Twist Co. want their nozzles. Sherbourne wants drawings of Ravenhead engine."*
- 12.** Letter. William Creighton (Chester) to Boulton & Watt (Soho). 6 Jun. 1800.  
*Letter continued on 7 Jun. On the same sheet:*  
Table of experiments of Thomas Walker & Co.'s engine at the Lead Works, Chester.  
*Docketed "Account and particulars of experiments upon Messrs. Walker & Co.'s engine."*
- 13.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 25 Jun. 1800.  
*Docketed "Remittance Stephenson & Green. Mr. Appleton wishes to change the size of his engine. Order from Hibbert & Smethurst. Ditto Simpson & Co."*
- 14.** Memorandums from Mr. Creighton. 9 Jul. 1800.  
*Notes concerning payment of accounts in Manchester.*
- 15.** Memorandums for Mr. Creighton. 11 Jul. 1800. 4 sheets sewn together.  
*In M. R. Boulton's hand. Instructions for attending engines in Scotland.*
- 16.** Letter. William Creighton (Glasgow) to Boulton & Watt (Soho). 29 Nov. 1800.  
*Docketed "Excuses for his inattention to orders. Account of the performance of the Clyde engine. Estimate of new boiler and apparatus wanted by Pattieson."*
- 17.** Letter. William Creighton (Newcastle) to Boulton & Watt (Soho). 23 Dec. 1800.  
*Docketed "Beckington gone to Jamaica. Particulars of his route. Mr. Barnes' illness. New engine wanted by Easterby & Hall."*

- 18.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 30 Dec. 1800.  
*Docketed "Journey from Newcastle thither. Dean's Mill burnt down and Jones wishes for instructions."*
- 19.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 10 Jan. 1801.  
*Docketed "Newall's engine working well. Endeavours to procure remittances from sundries. A. & G. Murray want new engine. Alterations proposed in Pollard's engine. Parcel with Dean's deed is arrived."*
- 20.** Letter. William Creighton (Manchester) to Boulton & Watt [Soho]. 23 Jan. 1801.  
*Docketed "Will explain time to Mr. Lodge. Bateman & Sherratt have raised their services and terms. 2 engines ordered by Daintry & Co. Charles Lees & Co. object to payment of account. Horrocks ditto. Will enquire about boiler setting at Caton."*
- 21.** Letter. William Creighton (Manchester) to Boulton & Watt [Soho]. 1 Feb. 1801.  
*Docketed "State of Chorlton Twist engine. Pollard agrees to rotative wheels – time. Estimates given to Mr. Lodge and A. & G. Murray. Does not know Thelfal. Articles at Cook & Co.'s. Dean's account paid to Jones. Fires at Manchester."*
- 22.** Letter. William Creighton (Manchester) to Boulton & Watt [Soho]. 6 Feb. 1801.  
*Docketed "Arrangement of account with Charles Lees & Co. Trial with indicator at Chorlton Twist engine."*
- 23.** Letter. William Creighton (Manchester) to Boulton & Watt (Soho). 16 Feb. 1801.  
*Docketed "Receipt from Horrocks. Rigby & Chadwick have had account. Assignees of Hunt ditto. Particulars of Sedgewick's affairs. Murray wants estimate."*
- 24.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 18 Feb. 1801.  
*Docketed "Mitchell & Holt not quite ready for engine. Hibbert & Smethurst ditto. Mr. Jolly declines ordering an engine. Marriot & Robinson's drawings to be suspended till further advice. Capstick & Co.'s boiler to be fixed."*
- 25.** Letter. William Creighton (Manchester) to Boulton Watt & Co. [Soho]. 21 Feb. 1801.  
*Docketed "Receipts from Hunt's assignees. Ditto Rigby & Chadwick. Ditto Appleton & Ogden."*
- 26.** Letter. William Creighton (Manchester) to Boulton Watt & Co. [Soho]. 28 Feb. 1801.  
*Docketed "Mitchell & Holt's beam. Estimate for Mr. Read. Daintry & Ryle's schemes. Miserable state of Sedgwick's mill."*
- 27.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 8 Mar. 1801.  
*Docketed "Order for John Lees – a 20 horse. Drawings not wanted immediately. Shallcross desires his boiler to be enlarged. Received Mr. Thelfal's balance. W. Wright will be ready with Mitchell & Holt's house on Monday."*
- 28.** Letter. William Creighton (Newcastle-under-Lyme) to Boulton Watt & Co. (Soho).  
28 Mar. 1801.  
*Docketed "Great defects in the materials of Walker & Co.'s engine. Mismanagement of ditto. Read declines increasing the power of his engine. Wants the price of new nozzles."*
- 29.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 12 Apr. 1801.  
*Docketed "Hibbert & Smethurst. William Brunton. Shallcross' rotative shaft to be of the length proposed. Alterations of Chorlton Twist Co.'s engine not settled."*
- 30.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 18 Apr. 1801.  
*On the same sheet:*  
Table of experiments on Thomas Walker & Co.'s engine at Chester. Apr. 1801.  
*Docketed "Experiments upon the Chester Lead engine. Plate Glass Co. have increased the size of their engines. Mitchell & Holt's engine is started. Ridgeway's arrived."*

- 31.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 29 Apr. 1801.  
*Docketed "Good report of J. Bury. Will go to Caton. Mitchell & Holt's new engine doing well. W. Wright repairing their former one. Marsden & Nield erecting by the Perrins' men. Kennedy's by himself. Considerations upon goods of James Lees."*
- 32.** Letter. William Creighton (Manchester) to Boulton Watt & Co. [Soho]. 2 May 1801.  
*Docketed "Remittance of interest – Barrow Lees. Ditto of balance, Rigby & Chadwick. Varley may go to Caton. Pollard's to be begun upon in a week."*
- 33.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 4 May 1801.  
*Docketed "Going to Caton. Hodgson & Co.'s urgent application to Ewart for assistance at their boiler."*
- 34.** Letter. William Creighton (Preston) to Boulton Watt & Co. (Soho). 12 May 1801.  
*Docketed "Has been at Caton and rectified the engine and set the boiler. Sentiments of John White. Leeming has paid the balance due. Expects to get account settled with interest. Will call at Ridgeway's."*
- 35.** Letter. William Creighton (Manchester) to Boulton Watt & Co. [Soho]. 16 May 1801.  
*Docketed "Receipt from Sedgewick's. Statement of defects of Mitchell & Holt's engine. John White's abilities. Horrocks' engine noisy. Ridgeway not near ready for his engine."*
- 36.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 20 May 1801.  
*Docketed "Remittances, Appleton & Co., L. Newall and Sedgewick's. Newall satisfied with his engine. Statement of Appleton & Co.'s account. New order from Dixon & Co. Good report of J. Bury. Fire at Swindell's."*
- 37.** Letter. William Creighton (Manchester) to Boulton Watt & Co. [Soho]. 24 May 1801.  
*Docketed "Receipt £66 from Charles Lees & Co. who refuse to pay interest. Simpson & Co. pay £4.15. Dixon & Co. have not decided about size and situation. Knows little of Hesketh & Scofield. J. Bury absent. His engine to be erected in Manchester. Alteration of Chorlton Twist to be done by Varley and Brunton. Brunton nearly done at Hibbert & Smethurst."*
- 38.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 30 May 1801.  
*Docketed "Arrival there. Pearson sent to Catrine. Varley to assist at Monack's. Defects in fitting of Baker's engine. Clarke & Co. are ready for their engine."*
- 39.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 11 Jun. 1801.  
*Docketed "Mr. Lawson recovering apace and intends going to Edinburgh. Mushet enquires about his beam. G. Grieve to go to Cunninghame. Account of pipes at Omoa. Engine house there begun. Is going to Saltcoats and Catrine. Pearson supposed to be capable of that job. J. Varley at Monack's. Corporation of Bakers about to begin."*
- 40.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 22 Jun. 1801.  
*Docketed "Cunninghame waits the arrival of his engine. Orders 3 boxes cement for him. Bad casting sent to Catrine. Devon Iron Works want to consult about a new engine. Monack's to be done in a week."*
- 41.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 5 Aug. 1801.  
*Docketed "Return to Manchester. Proposes to visit customers in the neighbourhood. Wants statement of accounts."*
- 42.** Letter. William Creighton (Manchester) to Boulton Watt & Co. [Soho]. 30 Aug. 1801.  
*Docketed "With remittance for Pollard's account. Result of his delivering applications to others."*
- 43.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 2 Sep. 1801.  
*Docketed "Remittance on account of Marsden & Nield. Others expected. Chorlton Twist Co. desirous of disposing of their old cylinder."*

**44.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 10 Sep. 1801.  
*Docketed "Remittance from Kennedy and Chorlton Twist Co. Taylor & Weston's engine to be erected by Perrins' men. Doubts about the price and time for completing small engines."*

**45.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 12 Sep. 1801.  
*Docketed "Remittances. Mr. Johnson's pretences for not paying his account. Account of Clegg's progress at Liverpool. Enquiry about Shallcross's connecting rod."*

**46a.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 17 Oct. 1801.  
*Kept with (b) below.*  
*Docketed "Remits balance of Marsden & Nield and Mitchell & Holt's accounts. Deductions claimed by the former. Orders for 3 engines – Messrs. Houldsworth, P. & A. McCandlish and D. Holt."*

**b.** Memorandum about Mitchell & Holt's account.  
*In James Pearson's hand.*

**47.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 21 Oct. 1801.  
*Docketed "His return delayed. Journey to Halifax useless. Receipt of £74.10 from Gatley. Murray's rotative shaft. Cement for Shallcross. Croft advertised for at Manchester."*

**48.** Note. Abraham Storey (Soho Foundry) to James Watt Jr. [Soho]. 28 Oct. 1801.  
*Re. the casting of Murray's rotative shafts. [Referring to the shafts mentioned in Creighton's letter of 21 Oct. above.]*

**49.** Letter. William Creighton (Bath) to Boulton Watt & Co. (Soho). 19 Dec. 1801.  
*Docketed "Expects Williams' engine to be started in a day or two. Difficulties which retarded its completion."*

**50.** Letter. William Creighton (Bath) to Boulton Watt & Co. (Soho). 5 Jan. 1802.  
*Docketed "Failure in the performance of Messrs. Williams' engine."*

**51.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 14 Feb. 1802.  
*Docketed "Statement of his time at Messrs. Williams'. Murray's perturbations."*

**52.** Memorandum. Engines and Extra Articles ordered at Manchester. 8 Mar. 1802.

**53.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 27 Mar. 1802.  
*Docketed "Progress made at Wedgwood's. Ditto at Daintry Royle & Co. Ditto Marriotts & Robinson. Shallcross proposes to have a 42 or 45 horse cylinder. Hibbert & Smethurst's crank broken. Smithells' connecting wheel ditto. Fracture of A. & G. Murray's connecting rod. They keep their second boiler. W. Peters orders extra rotative wheels."*

**54.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 2 Apr. 1802.  
*Docketed "The sundry drawings committed to his care have been delivered. Explanations relative to W. Wright's account of time. Delay caused by the accident of of Murray's connecting rod not so essential as we apprehended. Shallcross will consider further the propriety of having a new engine. Messrs. Murray undecided about keeping their second boiler. Mistake about valves supposed not to have been sent with Messrs. Marriott & Robinson's engine. The box containing them No. 7 not received."*

**55.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 27 Apr. 1802.  
*Docketed "Wants estimate of 50 and 60 horse for Mr. Shallcross. Ditto of a 4 horse for Marriott & Robinson. Complaints from Daintry & Royle's."*

- 56.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 29 May 1802.  
*Docketed "Intends Pearson to erect Vickers & Tedstill's engine. Wright going to Bolton at the beginning of the week. G. McMurdo to repair Taylor & Weston's engine. Bury's engine set to work without waiting for the pump or top of plug rod. Defects in Marriott & Robinson's piston rod. A hand wanted for Hesketh & Scofield. Shallcross's boiler burnt out. ½ box cement wanted for Marriott Robinson's engine – to go with the taps."*
- 57.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 4 Aug. 1802.  
*Docketed "Has been to Hull to see Howard & Houghton's engine which Mr. Lodge has purchased. Someone will be wanted to erect it. Mr. Rawstorne not likely to want an engine. Reflections on perpendicular steam pipes. Wants account of Thomson's time at Mr. Runcorn's engine."*
- 58.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 9 Aug. 1802.  
*Docketed "Account of the performance of Daintry & Royle's engine. Remits £54.2 from John Pooley Jr. Pearson at Dixon's."*
- 59.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 20 Aug. 1802.  
*On the same sheet:  
Memorandum. Orders for Marriott & Robinson and Ratcliff Ross. 18 Aug. 1802.  
Docketed "Remittance and receipt from sundries. Observations on Mr. Shallcross' connecting rod and means of preventing future fractures. Defects in slide valve of Messrs. Vickers & Tedstill's engine. Mr. Whitworth not known. Enquiry of Messrs. Ashton as to the time when their engine will be forwarded. Alledged promise of Mr. J. Watt Jr. to have it before the stipulated time. Order of Messrs. Marriott & Robinson for a second boiler and apparatus."*
- 60.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 2 Sep. 1802.  
*Docketed "Confirms his former report of the valves in Vickers & Co.'s engine. Drawings wanted for Cheetham, McConnel & Co. and Hope. Marriott & Robinson want to know how soon they can have a 6 horse engine."*
- 61.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 7 Sep. 1802.  
*Docketed "Boiler for McCandlish finished. Fracture of air pump gudgeon at Murrays' and Daintry & Royle's. Fire at Shallcross's. Fire at Pollards. Murray's forcing pipes. W. Peters wishes to have his grate sent off. Wants sketches for McConnel's pipes to be returned. Samuel Marsland wants our opinion upon fireproof floors. Hope's tenants responsible."*
- 62.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 23 Sep. 1802.  
*Docketed "Mistake in John Lees' connecting rod. Articles wanted for Cheetham. Observations on the fitting of air pump valves."*
- 63.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 17 Oct. 1802.  
*Docketed "On letters respecting John Pearson forwarded to Mr. Lawson. Thinks Pearson will engage on the terms proposed. W. Wright only partially satisfied with the present made to him."*
- 64.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 11 Nov. 1802.  
*Docketed "Plan of Mr. Houldsworth's engine not definitively settled. Desire to have it well executed throughout. Thomson and Newman arrived. Monteith is in want of his pillar – will get it cast if not sent. Proposes Anderton's engine for the Perth Co. Thinks of going on to Aberdeen. Potter has started the engine at Hornby Castle. Thinks he should be re-engaged."*
- 65.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 14 Jan. 1803.  
*Docketed "Drawings for Aberdeen engines and Messrs. Stirling's received. Plan for the latter will be settled by Mr. Lawson at his return. Refutation of sundry information communciated in Mr. Lawson's last letter. Will consult with him about the means of rectifying Laird's engine. Plan of Houstoun's engine delayed on account of doubt upon the sketch made by Mr. Lawson. Plan of Mr. White's 6 horse engine not yet disgested. Expectation of an order for a 30 horse from Messrs. Stuart & Dunlop. Proposes to arrange the time for his departure for Aberdeen at Mr. Lawson's return."*

- 66.** Note. Money received by Creighton from James Lawson for men's time at Tennant Knox & Co. Circa 23 Jan. 1803.
- 67.** Letter. William Creighton (Aberdeen) to Boulton Watt & Co. (Soho). 3 Feb. 1803. *With a postscript added in Edinburgh on 9 Feb. Docketed "Neither of the Aberdeen engines arrived. State of the preparations for their erection. Extinguishing apparatus wanted by Forbes & Co. Will send particulars soon. Impatience of the Perth Co. to get their engine. Nothing done for it by themselves. Mr. Sandeman's objections to the statement of our account. Explanations relative thereto. McGeorge's engine not yet finished. Complains of omissions."*
- 68.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 25 Feb. 1803. *Docketed "Sword Heywood & Co. wish to have boiler and grate. Defects in Dunlop's large spur wheel."*
- 69.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 16 Apr. 1803. *Docketed "Mr. Menzies' order suspended for the present till he has tried an addition making to the reservoir. Mr. White disappointed by the time asked for the completion of his engine. Bury to have it. Mr. Gibbs' determination unknown. Materials of Sword Heywood & Co.'s engine arrived in part. Beam for ditto or Mr. Wilson's engine. Approves of the proposed extension of the shafts across the house but the plan cannot be adopted in Mr. Houstoun's case. Has no knowledge of the alledged inaccuracies in the length of Messrs. Forbes Low & Co.'s materials. Disagreement in the measurement marked in the drawings and the materials themselves. Instance of it in Mr. Dunlop's case. Enquiry of one of Mr. Dunlop's partners to the shortest time in which an engine of 8 etc. horses power can be forwarded."*
- 70.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. [Soho]. 27 Apr. 1803. *The docket is on a separate wrapper. On the same sheet:*  
 Letter. Gregory Watt (Glasgow) to Boulton Watt & Co. [Soho]. 29 Apr. 1803. *Docketed "Confirmation of Mr. Gibbs' order. Mr. McGeorge's excuses for procrastinating the payment of our account and Cavils [?]. Remittance on account of Mr. Pollock. The plan etc. of Mr. Gibbs' premises which accompanied this was delivered to Mr. Southern. Mr. G. Watt's information of the failure of the Calder Co. and observations on the bad condition of the engines at Glasgow."*
- 71.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 7 May 1803. *Docketed "The mistakes in Dunlop's engine repeated in that of Heywood & Co.'s. Alteration in the plans of Houldsworth's engine. Boiler preparing for them will not suit their new arrangements. Expects they have countermanded the order for it. Will send the definitive plan for Houldsworth's and Houstoun's engines shortly. Enquiries of Mr. Dunlop and Mr. Edington about prices of engines. Mr. White in want of the drawings of his engine. Offer of services from a young man – opinion of his merits. Difficulty in clearing away the foundations of Sword & Co.'s engine."*
- 72.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. [Soho]. 13 May 1803. *Docketed "McGeorge's account and explanations. Mr. Houldsworth's plans undetermined."*
- 73.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 19 May 1803. *Docketed "Remits £1246.9.6 from Monteith having paid £17.5.6 to get his bills discounted. Messrs. Wilson's engine, after their boiler. Dunlop's engine nearly finished. Henry Vivian's accident."*
- 74.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 30 May 1803. *Docketed "McGeorge has written to him with the same futile complaints as to us. Says the engine worked well when he saw it, and no complaints were made. Henry Vivian to call there on his way to Perth. Thinks he ordered a boiler in a former letter for Messrs. J. & J. Wilson. Wishes it to be proceeded with immediately. Drawings for White and Gibb received. Is preparing the sketch for Messrs. Houldsworth."*

- 75.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 3 Jun. 1803.  
*Docketed "Order for an 8 horse engine for a partner of Mr. James Dunlop, say for the Springfield Dye Company."*
- 76.** Letter. William Creighton (Edinburgh) to Boulton Watt & Co. (Soho). 16 Jun. 1803.  
*On the same sheet:*  
Transcript of letter. William Creighton to Mr. McGeorge. 16 Jun. 1803.  
*Docketed "Remits McGeorge's note for £361.4.1. Account of settlement with him. Has agreed to leave his claim of deductions for articles not furnished to a reference. Defects noticed by Vivian and repaired by him. Dificiency of cold water. State in which Creighton saw the engine working. McGeorge renews his complaints of Henry Vivian."*
- 77.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 25 Jun. 1803.  
*Docketed "Monteith's account and returned bill. McGeorge will make out a statement of his grievances. Some of the prinicpal defects of his engine. White's and Gibb's engines to be according to the drawings. Springfield Dye house order to be considered positive."*
- 78.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 5 Jul. 1803.  
*Docketed "Remittance from Monteith and his refusal to allow for the expenses of the protest. White's death – intention of the executors to countermand the order. Enquiry what considerations will be [?] by us. Springfield Dyework Co. determine upon a 6 horse in preference to the 8 horse ordered. Query if they can have White's turn. Advance to James Brunton, suppose him to be come at our request. R. Montgomery offers his services. Varley gone to Ireland."*
- 79.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. [Soho]. 25 Jul. 1803.  
*Docketed "Vivian succeeded in repairing Forbes & Co.'s engine. Nearly finished with the Perth one. Promise of payment from Sword & Co. Supposes McGeorge will call at Soho. Progress at Stirling's and Wilson's. Thomson and Newman continue to overdraw their accounts. The former married. Character of James Brunton. Springfield dyehouse expect their order to date from June. Despair of completing Houldsworth's plans. Mr. Edington forming a considerable establishment at Glasgow."*
- 80.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 13 Aug. 1803.  
*Docketed "Cannot obtain a remittance or promise of one from Messrs. Swords. Difficulties experienced by Vivian in regard to the eccentric circle. Perth Foundry engine and repetition of the derangement of Messrs. Forbes & Co.'s engine."*
- 81.** Letter. William Creighton (Leadhills) to Boulton Watt & Co. (Soho). 5 Oct. 1803.  
*Docketed "Ransom & Ellerby alledge that the balance claimed by us was given up by Mr. Lawson. Heaton Colliery advance him £15 and promise a bill for the remainder. Are likely to want another engine. Sheriff Hill to pay Dudgeon. Receipts from James Hind & James, W. Chapman & Co. and Leadhills. Hawkes & Co. broke their connecting rod. No check straps to their working gear. Mr. Barker not determined about the new engine. Wanlockhead engine house built. George Taylor's time at Kenton and at Hawkes & Co."*
- 82.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 15 Oct. 1803.  
*Docketed "Receipt of £30 as compensation from White's executors. Wilson's engine at work and performs to satisfaction. The erection of Stirling's begun and will be completed in a month. Mistakes in materials. Springfield situation not settled. Will get the Calder account settled."*
- 83.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 24 Oct. 1803.  
*Docketed "Statement of Mushet's account. Observations on sundry items of it. Information of the fracture of Forbes Low & Co.'s connecting rod. Cunninghame's account unsettled. Receipt from Laird & Co."*

- 84.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 11 Nov. 1803.  
*Docketed "Forbes Low & Co.'s rod has done better since the second mending. Vivian has been over there. He is at liberty to return to Soho. Considerations upon some of the charges to the Calder Iron Co."*
- 85.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 1 Dec. 1803.  
*Docketed "Has received no account of the arrival of Forbes & Co.'s connecting rod. Vivian upon his return home. Advance of £17 to him. Complaints of the construction of Stirling's working gear and suggestions of remedies."*
- 86.** Letter. William Creighton (Edinburgh) to Boulton Watt & Co. (Soho). 13 Dec. 1803.  
*Docketed "Payment of Sir John Hope's account and remittance of £500. Account of Henry Vivian's conduct. Ditto of performance of the engine. McGeorge's promise of payment renewed. A Protest of his note likely to be wanted."*
- 87.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 29 Dec. 1803.  
*Letter continued on 3 Jan. 1804? Docketed "Trial of Stirling's engine. Complaints of deficiencies groundless. Newman to set off for England and call at Manchester. Thompson to erect Houstoun's. Objections to Stirling's working gear."*
- 88.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 6 Jan. 1804.  
*Docketed "Remits bills on London in payment of Swords' note. Thinks he may return home after his journey to Aberdeen. Thompson to erect Mr. Houstoun's engine and some other hand to be sent to Mr. Gibbs."*
- 89.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 26 Jan. 1804.  
*Letter continued on 5 Feb. On the same sheet:  
Memoranda on the construction of steam cases, blowing cisterns, fly wheels etc.  
Docketed "Springfield Dyework Co. wish their order to be suspended. Remarks upon Stirling's engine and machinery. Houstoun's materials mostly arrived. General observations upon the defects in the fitting of the engines. Proposed remedies."*
- 90.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 25 Feb. 1804.  
*Docketed "Remittance of £300 from Stirling & Son and statement of their account. Complaints of deficiencies, bad fitting and alterations. Remarks upon Thompson and Newman's time at Stirling's. Mr. Houstoun's eccentric shaft missing. Jackhead wanted for his cold water pump. Explanation of the length of bills sent from Messrs. Watson. Enquiry as to time for a 4 horse for Messrs. Stirling."*
- 91.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 24 Mar. 1804.  
*Docketed "Wants addition of Vivian's time to Dunlop and Haig's accounts. Supposes a mistake in the list of materials sent for Messrs. Stirling. Progress made in Mr. Houstoun's engine. Wants estimate of a 14 horse. Receipt from Messrs. Wilson."*
- 92.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 10 May 1804.  
*Docketed "Settlement of Stirling's account and remittance of £70. Receipt from James Dunlop & Co. Payment to the Calder Iron Co. Order for a 45 horse engine from H. Houldsworth & Co. Ditto for a 14 horse from W. Hussey & Co. Mr. Gibbs' engine made a good job of and started well. Refers to sketch of improvements on little engines. Wants estimate of an 8 horse. Forbes Low & Co. have put up their connecting rod and find the engine works better than ever. Query as to the necessity of his journey to Aberdeen. Mr. W. Douglas declines ordering the six horse engine and has got a second hand one."*

- 93.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 25 Jul. 1804.  
*Docketed "Visit to Forbes Low & Co. Their engine doing well and has settled their account giving up £10. Brown Chalmers & Co.'s beam a little atwist. Receipt from Sandeman & Co. Halbeath's injection very hot – want estimate of new air pump and rod. Thompson to go to Haig's in a few days. Omoa and Calder working tolerably. Houstoun not quite finished. Gibbs will pay in a few days. Observations on Houldsworth's drawings. Size of cold water pump to be altered. Drawing to be returned. Hussey & Co. will have 5 foot and 2 foot connecting wheels. Present occupation of Thompson. To be sent to Haig's and Geddes, to put in cold water pump at Mr. Houstoun's and then erect Mr. Miller's 6 horse. Enquires about articles ordered for Messrs. Stirling's. Thinks he can leave Glasgow and return home."*
- 94.** Letter. William Creighton (Glasgow) to Boulton Watt & Co. (Soho). 10 Aug. 1804.  
*Docketed "Leadhills want a new cylinder immediately. Remits Gibbs' account. Hussey – some arrangement about the list of materials. Thompson gone to Haig's and is thence to go to Perth. Creighton sets off in 2 days."*
- 95.** Letter. William Creighton (Carlisle) to Boulton Watt & Co. (Soho). 21 Aug. 1804.  
*Docketed "Mr. Philp of Dolls orders a boiler. Bad conditions of Haig's and geddes' engines. Further dimensions of Leadhills' cylinder. Defects in the fitting of Jackson's engine at Carlisle. Desire to have a ball syphon. Bolts etc. for crank plummer blocks."*
- 96.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 28 Aug. 1804.  
*Docketed "Estimate of a single engine wanted by Wright of Hornby Castle. Orders for pair of sun and planet wheels for Watson & Co. Proposes to visit Mr. Lodge's engine. Observations on Mr. Houldsworth's engine and defects of the eccentric circle."*
- 97.** Letter. William Creighton (Nottingham) to Boulton Watt & Co. (Soho). 19 Apr. 1805.  
*Docketed "Cox's engine and Henry Vivian. Douglas resolves upon coming to Soho. Particulars of Lord Middleton's present engine at Wollaton and of the new one which he is likely to want. Will return by Derby."*
- 98.** Letter. William Creighton (Derby) to Boulton Watt & Co. (Soho). 27 Jun. 1805.  
*Docketed "Remittance from Gould Williamson & Co."*
- 99.** Letter. William Creighton (Manchester) to Boulton Watt & Co. (Soho). 19 Jun. 1815.  
*Docketed "Liverpool Dock Co. will remit soon. State of their engine. Mr. Molson's goods to sail on Sunday. Another vessel for Quebec 1 Jul. Particulars of estimate of gas apparatus wanted by Birley & Hornby. Death of Mr. Henry. Steam boats on the Mersey. Fulton's specification in the hands of Mr. Dyer. Engines making at Eagle Foundry and Manchester."*
- 100.** Memorandum. William Creighton, Soho. 16 Mar. 1829.  
*Docketed "Plan for increasing the openings of slide valves in the James Watt." Marked "This scheme will not do. W. B. [William Bennett]."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 213**

**3/249 Peter Ewart, 1790-1833 (153 items)**

Peter Ewart had a long association with Boulton & Watt and Boulton Watt & Co. In the 1790s he acted as an agent and engineer for them in Manchester, in much the same way that John Rennie did in London. Ewart later pursued several business ventures in Manchester and Liverpool, mainly in textiles, for which he purchased several engines. He also continued to act as an unofficial agent, liaising with customers on Boulton Watt & Co.'s behalf and passing information to Soho about the state of various firms in the North West. He also had a keen interest in steam boats.

1. Letter. Peter Ewart (Apedale) to James Watt (Harper's Hill). 10 Oct. 1790.
2. Letter. Peter Ewart (Apedale) to John Southern [Soho]. 24 Nov. 1790.  
*Docketed "Jos. Baker & Co. Sir Nigel Gresley."*
3. Letter. Peter Ewart (Apedale) to John Southern (Soho). 30 Nov. 1790.  
*Docketed "Jos. Baker & Co. Sir Nigel Gresley."*
4. Letter. Peter Ewart (Apedale) to John Southern (Soho). 3 Dec. 1790.  
*Docketed "Jos. Baker & Co. Sir Nigel Gresley."*
5. Letter. Peter Ewart (Raikes, nr. Bolton) to James Watt (Heathfield). 15 Feb. 1791.
6. Letter. Peter Ewart (Raikes, nr. Bolton) to John Southern (Soho). 15 Feb. 1791.  
*Docketed "Bolton."*
7. Letter. Peter Ewart (Raikes, nr. Bolton) to Boulton & Watt (Soho). 16 Feb. 1791.  
*Docketed "About his engagement with B[aker] & Co."*
8. Letter. Peter Ewart (Raikes) to James Watt (Heathfield). 5 Mar. 1791.
9. Letter. Peter Ewart (Raikes) to John Southern (Soho). 5 Mar. 1791.  
*Docketed "Bolton le Moors."*
10. Letter. Peter Ewart (Raikes) to John Southern (Soho). 14 Mar. 1791.  
*On the same sheet:*  
Sketches. Elevations of Samuel Oldknow's premises.  
*Docketed "Oldknow."*
11. Letter. Peter Ewart (Raikes) to John Southern [Soho]. 16 Mar. 1791.
12. Letter. Peter Ewart (Raikes) to John Southern [Soho]. 5 Apr. 1791.
13. Letter. Peter Ewart (Raikes) to John Southern (Soho). 12 May 1791.  
*Docketed "Baker & Co."*
14. Letter. Peter Ewart (Raikes) to James Watt (Heathfield). 18 May 1791.  
*Docketed as 19 May.*

- 15.** Letter. Peter Ewart (Raikes) to John Southern [Soho]. 15 Jun. 1791.  
*Mis-dated as 1790 by Ewart.*  
*Docketed "Oldknow's well and suction piece. Baker & Co.'s engine put in order."*
- 16.** Letter. Peter Ewart (Stockport) to Charles Pordern (Soho). 4 Jul. 1791.  
*Docketed "E. Shaw. Atherton's boiler."*
- 17.** Letter. Peter Ewart (Stockport) to James Watt (Soho). 12 Aug. 1791.
- 18.** Letter. Peter Ewart (Stockport) to John Southern (Soho). 12 Aug. 1791.  
*On the same sheet:*  
Sketch. Carding floor of Peter Atherton's mill.  
*Docketed "ABCH. P. M. Oldknow."*
- 19.** Letter. Peter Ewart (Stockport) to James Watt (Heathfield). 28 Sep. 1791.
- 20.** Letter. William Seedhouse & Co. (Manchester) to John Southern [Soho]. 30 Sep. 1791.
- 21.** Letter. Peter Ewart (Stockport) to John Southern (Soho). 14 Oct. 1791.  
*On the same sheet:*  
Sketch. Mr. Illingworth's engine house.  
*Docketed "Atherton. Budd. Seedhouse. Illingworth. Dennison. Shaw."*
- 22.** Letter. Peter Ewart (Stockport) to James Watt (Heathfield). 20 Oct. 1791.  
*Docketed "Simpsons 2."*
- 23.** Letter. Peter Ewart (Stockport) to William Forman [Soho]. 29 Oct. 1791.  
*Docketed "Seedhouse. Shaw."*
- 24.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 2 Nov. 1791.  
*Docketed "Simpsons. Atherton."*
- 25.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 11 Nov. 1791.  
*Docketed "Simpson. Atherton. Shaw."*
- 26.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 15 Nov. 1791.  
*Docketed "Simpson. Clegg & Co. Atherton."*
- 27.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 5 Dec. 1791.  
*On the same sheet:*  
Sketches. Peter Atherton's boiler house.  
*Docketed "Sundry engines. Boiler house ABCH."*
- 28.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 7 Dec. 1791.  
*Docketed "Salvin."*
- 29.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 13 Dec. 1791.  
*On the same sheet:*  
Sketch. Plan of Simpson's engine.  
*Docketed "Simpson's sketch."*
- 30.** Letter. Peter Ewart (Manchester) to James Watt (Heathfield). 26 Dec. 1791.  
*Docketed "Benjamin Firth sent to Liverpool."*
- 31.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 6 Jan. 1792.  
*Docketed "Douglas (Holt)."*
- 32.** Letter. Peter Ewart (Manchester) to James Watt (Heathfield). 17 Jan. 1792.  
*Docketed "About his engaging with Mr. Oldknow."*

- 33.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 31 Jan. 1792.  
*Docketed "Sundries."*
- 34.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 25 Mar. 1792.  
*Docketed "Atherton. Shaw set on. Hunt etc."*
- 35.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 30 Apr. 1792.  
*On the same sheet:*  
Sketch. Mr. Hunt's engine house.  
*Docketed "Hunt. Bury. Illingworth."*
- 36.** Letter. Peter Ewart (Stockport) to John Southern [Soho]. 23 May 1792.  
*Marked "Rep<sup>d</sup>. 26<sup>th</sup>. J. S."*  
*Docketed "Illingworth. Hunt."*
- 37.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 18 Jun. 1792.  
*Marked "Rep<sup>d</sup>. 29 June J. S." On the same sheet:*  
Sketches. Plans of Illingworth's and Holt's engines and Barrow & Lees' boilers.
- 38.** Letter. Peter Ewart (Manchester) to John Southern [Soho]. 25 Jun. 1792.  
*Marked "Rep<sup>d</sup>. 29 June J. S."*
- 39.** Letter. Peter Ewart (Manchester) to James Watt (Heathfield). 3 Jul. 1792.  
*On the same sheet:*  
Sketch. Plan of Mr. Lodge's cotton and fulling mill.  
*Docketed "Lodge."*
- 40.** Memorandum. Calculations for Mr. Lodge by Mr. Southern. — Jul. 1792.  
*In John Southern's hand.*
- 41.** Draft of memorandum. Re. the terms on which Boulton & Watt settled Ewart in Manchester. Not dated.  
*In Matthew Boulton's hand.*
- 42.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 3 Jul. 1792.  
*Marked "R<sup>d</sup>. 5 July J. S."*
- 43.** Letter. Peter Ewart (Stockport) to John Southern [Soho]. 16 Jul. 1792.
- 44.** Letter. Peter Ewart (Manchester) to Boulton & Watt (Soho). 4 Aug. 1792.
- 45.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 4 Aug. 1792.  
*On the same sheet:*  
Sketches. Plans of Markland Cookson & Co. and Wormald Fountain & Gott's engines.  
*Docketed "Markland Cookson & Co. Wormald Fountain & Gott."*
- 46.** Letter. Peter Ewart (Manchester) to John Southern [Soho]. 9 Aug. 1792.
- 47.** Letter (press copy). Boulton & Watt (Birmingham) to Edmund Lodge (Oakenrod). 14 Aug. 1792. 3 sheets.  
*In James Watt's hand.*
- 48.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 18 Aug. 1792.
- 49.** Letter. Peter Ewart (Manchester) to James Watt (Heathfield). 18 Aug. 1792.  
*Re-directed to Watt at 6 Green Lettice Lane.*
- 50.** Letter. Peter Ewart (Edinburgh) to John Southern [Soho]. 9 Sep. 1792.

- 51.** Letter. Peter Ewart (Leeds) to Boulton & Watt (Soho). 25 Sep. 1792.  
*On the same sheet:*  
Sketch. Plan of Markland Cookson & Fawcet's mill and engine house.
- 52.** Letter. Peter Ewart (Stockport) to Boulton & Watt [Soho]. 29 Jan. 1793.
- 53.** Letter. Peter Ewart (Stockport) to James Watt [?] [Soho]. 21 Apr. 1793.  
*Docketed "Illingworth's stopping."*
- 54.** Letter. Peter Ewart (Liverpool) to James Watt Jr. (Soho). 31 Dec. 1794.
- 55.** Letter. Peter Ewart (Manchester) to William Forman (Soho). 4 Feb. 1795.
- 56.** Letter. Ewart & Rutson (Liverpool) to Boulton & Watt (Soho). 1 Aug. 1795.  
*Docketed "About the freight of our engine for St. Domingo."*
- 57.** Letter. Peter Ewart (Workington) to James Watt Jr. (Soho). 2 Aug. 1795.  
*Docketed "About his return."*
- 58.** Letter. Peter Ewart (Liverpool) to James Watt Jr. (Soho). 14 Nov. 1795.  
*Docketed "Kent & Myers. Bullen & Co. Kirkman. Holloway."*
- 59.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 17 Nov. 1795.  
*Docketed "About the stacks for the furnaces."*
- 60.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 20 Nov. 1795.  
*Docketed "About his return."*
- 61.** Letter. Peter Ewart (Manchester) to ? [Soho]. 19 Feb. 1796. [Incomplete].  
*[Includes sketches of proposed piston for blowing cylinder, catch for holding boring rod wheel in gear, queries about progress at Soho Foundry. Found among Miscellaneous Drawings.]*
- 62.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 31 May 1796.  
*Docketed "On the dilemma at Whateley's."*
- 63.** Letter. Peter Ewart (Soho Foundry) to James Watt Jr. (care of Thomas Wilson, Truro). 15 Sep. 1796.  
*Mis-dated as 1795 by Ewart. Docketed "Advances at the Foundry."*
- 64.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 26 Jan. 1797.  
*Docketed "Journey to Belfast. Boring mill."*
- 65.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 24 Mar. 1797.
- 66.** Letter. Ewart & Rutson (Liverpool) to Boulton & Watt (Birmingham). 23 May 1797.  
*On the same sheet:*  
Account. James Watt & Co. – their account current with Ewart & Rutson.  
*Docketed "Advice respecting transactions with Kirkman. J. Watt & Co.'s account."*
- 67.** Letter. Peter Ewart (Manchester) to James Watt Jr. (13 London St.). 12 May 1798.  
*Re-directed to Watt Jr. at Soho.*  
*Docketed "Respecting Mr. Chell."*
- 68.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 27 Jul. 1800.  
*Docketed "Account of his visits to the iron works near Wigan in 1791 and 1794, with reflections on the situation etc."*

- 69.** Letter. Peter Ewart (Quarry Bank) to James Watt Jr. (Soho). 19 Nov. 1801.  
*Docketed "Wants price of a 30 horse engine for a friend of Peter Marsland. Is upon the lookout for a servant for James Watt Jr. Effects of peace upon trade at Birmingham and Manchester."*
- 70.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 25 Nov. 1801.  
*Docketed "The time we ask too long for Mr. Marsland's friend. Mr. Marsland likely to want an engine also. Gives us latitude as to size. Proposes going to Scotland."*
- 71.** Letter. Peter Ewart (Edinburgh) to James Watt Jr. (Soho). 8 Jan. 1802.  
*Mis-dated by Ewart as 8 Dec.*  
*Docketed "Has received ours with Shaw's bond. Ignorant of Shaw's affairs and of the original transaction. Conversation with T. Walker respecting his debt to James Watt Jr. Good account of Lawson and his friends at Edinburgh."*
- 72.** Letter. Peter Ewart (Quarry Bank) to James Watt Jr. (Soho). 22 Feb. 1802.  
*Docketed "Treaty with Collier for the sale of Shaw's bond. Order for a 30 horse engine. Proposes a visit to Soho."*
- 73.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 5 Mar. 1802.  
*Docketed as 4 Mar: "Intends postponing his visit for a week or ten days and then coming with Lee and William Henry."*
- 74.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 11 Mar. 1802.  
*Docketed "Intends being here on Thursday. Thinks the paper offered by Ridgeway good and that we should accept of it. Collier does not expect to be able to purchase Shaw's bond before Midsummer."*
- 75.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 24 Mar. 1802.  
*Docketed "Remits £25 from Shaw's executors. Encloses bills on Collier & Son for acceptance. Wants his drawings."*
- 76.** Letter. Peter Ewart (Manchester) to M. R. Boulton (Soho). 7 Jun. 1802.  
*Docketed "Doubtful character of Chorley & Co. Advise further enquiries to be made."*
- 77.** Letter. Peter Ewart (Manchester) to John Southern (Soho). 6 Aug. 1802.
- 78.** Letter. Peter Ewart (Manchester) to Boulton & Watt (Soho). 1 Feb. 1803.  
*Docketed "Gavin McMurdo indisposed. Further assistance wanted at Manchester. Scarth Marshall & Co. have borrowed a box of cement. Request to have it replaced and five additional ones sent. Intend making their mill fireproof and wish to dispose of the cocks of their fire extinguishing apparatus."*
- 79.** Letter. Peter Ewart (Manchester) to M. R. Boulton (Soho). 17 Aug. 1803.  
*Docketed "Delegated by the Manchester Committee to order 500 stand of arms – wants patterns and prices."*
- 80.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 17 Jan. 1809.  
*Docketed "Has not heard from Mr. Lodge relative to his appointment of an arbitrator."*
- 81.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 25 Feb. 1809.  
*Docketed "Remits bill for £60 from Shaw's assignees. Has not heard from Lodge since his recommendation of Mr. Gott. Remarks upon the Edinburgh Review etc. etc."*
- 82.** Letter. Peter Ewart (Manchester) to James Watt Jr. (13 London St.). 5 Jun. 1809.  
*Docketed "Congratulations on our success in opposing the Gas Light Bill. Supposes Peter Marsland to be tampering with Gavin McMurdo. Thompson about to apply for a patent for improvements in printing."*

- 83.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 9 Jul. 1809.  
*Docketed "Gavin McMurdo dissatisfied with his situation etc. Wants estimate of a gas apparatus. Boastings of the Gas Light Co. Illness of one of his sons. Correspondence with Mr. Playfair."*
- 84.** Letter. Peter Ewart (Manchester) to James Watt Jr. (13 London St.). 4 Feb. 1810.  
*On the same sheet:*  
Transcript of extract of letter. Peter Ewart to James Watt Jr. 18 Feb. 1810.  
*Docketed "Will take the 10 horse engine if he can have it to be at work in March. Has applied to Mr. Rennie to let him have his turn. Directions about sundry points of the materials."*
- 85.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 29 Mar. 1810.  
*Docketed "Has been in expectation of hearing from Mr. Rennie relative to the 10 horse engine."*
- 86.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 2 Apr. 1810.  
*Docketed "Mr. Rennie agrees to give up his turn for the 10 horse engine. Gas Light Bill. Orders a set of springs for a counting house machine."*
- 87.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 9 Apr. 1810.  
*Docketed "Sketch of steam pipe [within the text]. Hole to be bored in the end of the fly shaft. Urges expedition, and a caution to be given to the carriers to deliver without delay."*
- 88.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 14 Apr. 1810.  
*Docketed "Alters the position of the boiler of his 10 horse engine. Orders boiler apparatus. No cold water pump."*
- 89.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 19 Apr. 1810.  
*Docketed "Relative to boiler steam pipes. Outer end of shaft. Are any plumber blocks and brasses sent for it."*
- 90.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 29 May 1810.  
*Docketed "Satisfied with the performance of the 10 horse engine. Has paid Gavin £4. Enquiry if we will undertake to make copper rollers for the Calico printers."*
- 91.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. (Soho). 28 Mar. 1811.  
*Docketed "Introductory of John Howorth and Isaac Bradshaw as workmen. Terms mentioned to them. NB – these men went back after having been here about a month."*
- 92.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. (Soho). 29 Mar. 1811.  
*Docketed "Introducing William Kinnear as a workman. Terms proposed to him."*
- 93.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 2 Apr. 1811.  
*Docketed "Further particulars of the men he recommended. Has sent another of the name of Affleck. Has several more applications."*
- 94.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 8 Apr. 1811.  
*Docketed "Enquires if we should object to a workman who had served his apprenticeship with Murray & Co."*
- 95.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 22 Apr. 1811.  
*Docketed "The young man from Leeds has found employment. Howorth and Bradshaw's wives enquire if any money has been left for them. Favourable report of Goodier and Fowden's responsibility."*
- 96.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. (Soho). 30 Apr. 1811.  
*Docketed "Brought by Thomas Wolden whom he recommends as a workman."*
- 97.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 15 Aug. 1811.  
*Docketed "Another filer has offered himself. Enquires about D'Alembert's Dynamique."*

- 98.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 15 Aug. 1811.  
*Docketed "Howorth and Bradshaw wish to return."*
- 99.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. (Soho). 12 Nov. 1812.  
*Docketed "Has delivered our account to Shaw's executors and will write again about them. Orders two dozen copper medals of Lord Wellington."*
- 100.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. (Soho). 17 Nov. 1812.  
*Docketed "Amended order for the Wellington medals."*
- 101.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 18 Nov. 1815.  
*Docketed "Introducing the Messrs. Johnstone."*
- 102.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 11 Jan. 1817.  
*Docketed "Whitworth asks such an extravagant price for the sale or lease of his premises that he had declined looking at them. Extent of land and ground rent. Can procure a loan of Fulton's specification of steam boats."*
- 103.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 2 Feb. 1817.  
*Docketed "Whitworth proposes to make an offer of his Foundry without the engine and boring mill. Mr. Birley's enquiry about a house keeper. Death of Colonel Hamilton."*
- 104.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 18 Feb. 1817.  
*Docketed "Price asked by Whitworth for his Foundry without the engine and boring mill."*
- 105.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Soho]. 30 Apr. 1817.  
*Docketed "Sum asked by Whitworth for his Foundry. Valuation of ditto by him and Mr. Kennedy. Present low cost of castings and engines at Manchester. Mr. Dyer lends us Fulton's specification. Returns Mr. Creighton's memorandum on steam boats with remarks."*
- 106.** Letter. Peter Ewart (Manchester) to William Creighton [Soho]. 30 Apr. 1817. 2 sheets.  
*Not docketed. [About Fulton's specification, experiments on steam boats etc.]*
- 107.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 15 Jun. 1817.  
*Docketed "Shaw's executor offers to pay off the debt to Boulton & Watt with interest to midsummer. Refers to Whitworth's proposals and Fulton's specification. Bad state of trade and reflection upon it. His family at the sea coast, himself at the mill."*
- 108.** Letter. Peter Ewart (Manchester) to James Watt Jr. (13 London St.). 5 Sep. 1817.  
*Docketed "Wishes to have particulars of the Caledonia steam boat. Mr. Dyer has no objection to our copying Fulton's specification. Shaw's executor wants a general statement of the whole of our account. New foundry built by Radfords & Co. Gavin McMurdo dissatisfied. John Kennedy better. Mrs. Southern and daughters on a visit to him."*
- 109.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. [Soho]. 23 Sep. 1817.  
*Docketed "Wood not returned, but supposed to have nearly finished at Barnsley. William Wright has taken his place for London."*
- 110.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 20 Sep. 1819.  
*On the same sheet:*  
Account. The Executors of the late Edward Shaw debtors to Boulton & Watt.  
*Docketed "Encloses bill for £76.1.5 being for a final settlement with the executors of Edward Shaw. Statement of account including note of expenses for J. Watt. Has delivered the bond to Shaw's executors. Wishes to have a drawing of the Eidograph."*
- 111.** Letter. John Shawcross for Peter Ewart & Co. (Manchester) to Boulton & Watt [Soho].  
26 Oct. 1821.  
*Docketed "Wish notices of stolen notes to be distributed."*

- 112.** Memorandum. Peter Ewart, Manchester – orders slide valve nozzles, altered to be new valves.  
*Extracted from a letter from Ewart to James Watt Jr. of 15 Feb. 1822. In William Creighton's hand.*
- 113.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 29 Apr. 1822.  
*Docketed "Valve items will do."*
- 114.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Soho]. 25 Apr. 1822.  
*Docketed "Proposes being here on Wednesday to settle about his little engine."*
- 115.** Memorandum. Mr. Ewart at Soho. 29 Apr. 1824.  
*In William Creighton's hand.*  
*Docketed "Decides on 14 horse boat engine. Several particulars detailed. Will send length of shaft."*
- 116.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Soho]. 5 Nov. 1824.  
*Docketed "Will take a 20 horse boat engine in lieu of a 14 horse. Introduces Mr. Brodier of the house of Haldimand & Sons who wishes to have a 14 horse for the Lake of Neufchatel."*
- 117.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 21 Dec. 1824.  
*Docketed "Proposes a 2<sup>nd</sup> engine 20 horse. Also 2 more 20 horse engines connected."*
- 118.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 25 Dec. 1824.  
*Docketed "Apologises for Brown Aspinall & Co. Has entered into partnership with Charles Mackintosh & Co. and orders a 20 horse engine for that firm at Manchester. Wants another 20 horse for himself. Mr. Mylne at Manchester on his return from the North. Has sold his pig iron in London at £9 per ton."*
- 119.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 28 Dec. 1824.  
*Docketed "Plan of engine house for Charles Mackintosh & Co." The sketch plan is on the same sheet.*
- 120.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 8 Jan. 1825.  
*Docketed "Thinks shafts too short. Enquires size of boiler."*
- 121.** Letter. Peter Ewart (Manchester) to William Creighton (Soho). 11 Jan. 1825.  
*Docketed "Alteration in the plans for Charles Mackintosh & Co. Sends a sketch plan." The sketch is on the same sheet.*
- 122.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 28 Jan. 1825.  
*Docketed "Charles Mackintosh & Co. want more fly. Sends a corrected plan. Boiler 30 horse section 20 feet long."*
- 123.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 2 Feb. 1825.  
*Docketed "Wants places of bolt holes. No fire apparatus required. Proposes a boat boiler for his 20 horse engine. H. H. Birley wants a small engine 3 to 6 horse power."*
- 124.** Memorandum. Mr. Ewart at Soho. 12 Feb. 1825.  
*In William Creighton's hand.*  
*Docketed "Charles Mackintosh & Co. – various particulars of engine etc. Peter Ewart's 20 horse engine and 30 horse boiler."*
- 125.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 17 Feb. 1825.  
*Docketed "Wants his boiler 20.0 feet long instead of 15."*
- 126.** Letter. Peter Ewart (Manchester) to William Creighton (Soho). 26 Feb. 1825.  
*Docketed "Sketch of fly wheel centre. Steam pipe for engines only. 2 or 2½ inch cold water pump will do. Mr. Greg's fly 1½ usual size." The sketch is on the same sheet.*

- 127.** Letter. Peter Ewart (Manchester) to James Watt Jr. [?] [Soho]. 4 May 1825.  
*Docketed "Charles Mackintosh & Co. have not got their buildings ready. Wants his 20 horse boiler, to erect in Whitsun week. Wishes his 20 horse engine to have a blowing valve from the condenser."*
- 128.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 9 May 1825.  
*Docketed "Boiler to be sent away. Charles Mackintosh to be sent."*
- 129.** Letter. Peter Ewart (Manchester) to William Creighton (Soho). 20 Mar. 1826.  
*Docketed "Observations on fastening the frame of shafts – Thetis. Fastening to deck proposed." A sketch of the proposed framing is on the same sheet.*
- 130.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 24 Mar. 1826.  
*Docketed "Another scheme for fastening Thetis's columns to main beams."*
- 131.** Transcript of extract of letter. Peter Ewart (Manchester) to James Watt Jr. [Soho]. 15 Jun. 1826.  
*Docketed "Experiments to prove that bar iron is rendered brittle when worked under a red heat."*
- 132.** Letter. Peter Ewart (Manchester) to Boulton Watt & Co. [Soho]. 3 Aug. 1826.  
*Docketed "Encloses letter for Mr. Watt. Mr. Lee supposed to be in his last illness."*
- 133.** Letter. Peter Ewart (Manchester) to William Creighton [?] [Soho]. 22 Apr. 1828.  
*Docketed "Good credit of Mr. Bond."*
- 134.** Transcript of extract of letter. Peter Ewart (Liverpool) to James Watt Jr. [Soho]. 25 Jan. 1829.  
*Docketed "Has heard from his sons at Calcutta that Mr. Forbes has recovered his health and that the Mint is going on well. He complains of the slightness of Maudslay's machinery. Laird's land speculation at Liverpool. Mr. Hartley's engine doing well. State of matters between the Manchester spinners and their masters."*
- 135.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Aston Hall). 14 Apr. 1829.  
*Docketed "Death of Mr. James Kennedy. Mr. John Kennedy takes the management of his affairs. Considers the order for a 30 horse engine to have been annulled. His son Peter about to give us a call."*
- 136.** Letter. Peter Ewart (Manchester) to Boulton & Watt (Soho). 5 May 1829.  
*Docketed "Account of riots at Manchester."*
- 137.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Aston Hall). 28 Nov. 1829.  
*Docketed "Journey thither with Mr. Macintosh and Mr. Tennant, and McConnel & Co.'s cylinder lid. Mr. McConnel got to work again and well satisfied. Advice about the bed of the sliding rest of the lathe preparing by Buckle. Will give a sketch of a planing machine."*
- 138.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Aston Hall). 27 Dec. 1829.  
*Docketed "Marriage of his nephew to Miss Lee. Thinks straight edges should be made for Buckle's new lathe. Is preparing sketches for a planing machine. Thinks some of the wheels at French Walls defective."*
- 139.** Transcript of letter. William Bennett (Soho) to Thomas Ashton (Hyde). 9 Jan. 1830.  
*Docketed "Copy of letter to Thomas Aston. With estimate of 45 horse engine."*
- 140.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 19 Jan. 1830.  
*Docketed "Thinks it will not be advisable to convert the new lathe into a planing machine. Wants dimensions of the casting for the bed of the lathe. Thinks it may serve with an addition."*

**141.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Aston Hall). 20 Aug. 1830.  
*Docketed "Death of James Fairweather. Mr. Aston to get engine from Peel & Co. – 40 horse for £1000. Fairbairn's canal boat going on – not getting engine from Stephenson. Braithwaite asks 6 months for an engine. Fairbairn intends making them himself."*

**142.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 1 Sep. 1830.  
*Docketed "Mr. Heddeswick has not got James Fairweather's books of account, but has written for them. Has delivered our message to Andrew Kerr. Mr. John Kennedy thinks we should have a more experienced agent at Manchester."*

**143.** Transcript of extract of letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 30 Oct. 1830.  
*Docketed "Thinks Fairweather's indicator worth £4. Has examined his drawings – a few to be returned to Mr. Heddeswick, the rest belong to Boulton Watt & Co. Kerr has been employed at Mr. McConnel's and nowhere else."*

**144.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Aston Hall). 5 Nov. 1830.  
*Docketed "Opinion about the intended use of high pressure steam in the Navy steamers. Mr. Gott ill. Will write for information about him. Has been confined to the house with a sore leg."*

**145.** Letter. William Fairbairn (Canal St.) to Peter Ewart [Manchester]. 16 Dec. 1830.  
*Sent with the original of the letter below.*  
*Docketed "Denies a wish to interfere with our engines. States that Clarke told him the alteration of the speed of his engine had our concurrence. Wishes Mr. Ewart to look over his intended publication of experiments on the Forth & Clyde Canal."*

**146.** Transcript of extract of letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 20 Dec. 1830.  
*Docketed "Encloses letter from Mr. Fairbairn to him disavowing any intention of interfering with Boulton Watt & Co.'s engines etc. Mr. Hugh Beaver pleased with our men's late services. Remarks on settlement with Messrs. McConnel & Co. Is sorting James Fairweather's papers."*

**147.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 31 Jan. 1831.  
*Docketed "Andrew Kerr assents to the terms of agreement proposed in our letter of 22<sup>nd</sup> inst. Has desired him to make out his account to Christmas, also to keep a book of memoranda and occurrences. Has given him the drawings of Beaver's 60 horse engine house to confer with Clarke & Co. Has returned James Fairweather's private papers to Mr. Heddeswick and sends all the letters and drawings and memorandums relative to Boulton Watt & Co. by Henry Daniels. Delivered at Soho by Daniels 3 Feb. 1831."*

**148.** Transcript of extract of letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 18 Aug. 1831.  
*Docketed "Mr. Thornton of the Stamp Office applies again about his scheme."*

**149a.** Letter. Peter Ewart (Manchester) to James Watt Jr. (Aston Hall). 1 May 1832.  
*Enclosing (b) below.*  
*Docketed "With information from Mr. Hartley respecting the use of hydraulic presses in oil mills. The first applied in a mill near Liverpool. Mr. Bowman thinks they do not answer as well for linseed as for other seeds. Those making for the Rennies are more powerful than usual. Mr. David Harrison pleased with his visit to Soho and Mr. Beaver with his engine. Mr. Finlay's health continues good. His lawyers have commenced proceedings in the Court of King's Bench. Has taken his son Peter into partnership."*

**b.** Transcript of extract of letter. Jesse Hartley (Liverpool) to Peter Ewart [Manchester]. 28 Apr. 1832.

**150.** Transcript of extract of letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 9 Oct. 1832.

*Docketed "Suggestions for improving the punching etc. of boiler plates and of plates for chimneys and coal boxes."*

**151.** Sketch. Gauges for punching out rivet holes. — Oct. 1832.

*Sent with the original of the above letter.*

**152.** Letter. Peter Ewart (Manchester) to James Watt Jr. [Aston Hall]. 12 Jul. 1833.

*Docketed "Estimates the power of two tilts, as proposed for French Walls, at 10 horses. Has brought his agreement with Sharp & Co. to a favourable conclusion. Prefers conical centres to gudgeons for tilts."*

**153.** Memorandum. Collapse of a roof at Ewart's works. *In William Creighton's hand. The memorandum must date from before Feb. 1831, which is when Creighton died.*

**3/250 William Forman, 1791-1796, 1799, 1800 (25 items)**

**1.** Letter. William Forman (Soho) to James Watt (London). 23 May 1791.

*Docketed "With bill."*

**2.** Letter. William Forman (Soho) to James Watt [London]. 12 Jan. 1792.

*Docketed "To London."*

**3.** Letter. William Forman [Soho] to Boulton & Watt [London]. 15 Jan. 1792.

*Not dated – date taken from the docket. The docket is in James Watt's hand.*

*Docketed "To London."*

**4.** Letter. William Forman (Soho) to James Watt [London]. 15 Jan. 1792.

*Mis-dated by Forman as 1791. Docketed "To London with accounts."*

**5.** Letter. William Forman (Soho) to James Watt (6 Green Lettice Lane). 6 Jun. 1793.

**6.** Letter. William Forman (Soho) to James Watt (6 Green Lettice Lane). 17 Jun. 1793.

**7.** Letter. William Forman (Soho) to Boulton & Watt [London]. 7 Nov. 1793.

*Not dated – date taken from the docket. The outside of the letter is directed to James Watt.*

**8.** Letter. William Forman [Soho] to Boulton & Watt [London]. 17 Feb. 1794.

*Not dated – date taken from the docket. Docketed "Morehouse and Cassedy."*

**9.** Letter. William Forman (Soho) to James Watt (with the High Sheriff, Stafford).

26 Mar. 1794.

*On the same sheet:*

Transcript of letter. John Williams (Scorrier H<sup>e</sup>.) to Boulton & Watt [Soho]. 19 Mar. 1794.

*Docketed "With letter from North Downs."*

**10a.** Letter. William Forman [Soho] to James Watt Jr. (6 Green Lettice Lane). 15 Jan. 1795.

*Enclosing (b) below. Not dated – date taken from the docket.*

*On the same sheet:*

Note. John Southern [Soho] to James Watt Jr.

*Docketed "Portable copying machines. Capt. Huddart's frames. Manganese. Remittance from Mr. Duckworth. Copying paper. Query by Mr. Southern on the form of agreements."*

**b.** Account. Richard Chippindall debtor to James Watt & Co. 24 Dec. 1794.

*Docketed "Mr. Forman – invoice to Chippindall."*

**11.** Letter. William Forman (Soho) to James Watt Jr. (6 Green Lettice Lane). 22 Jan. 1795.

*Docketed "Remarks on the prices of copying machines. Remittance from Dr. Ackland.*

*Orders for copying machines, pneumatic apparatus etc."*

- 12a.** Letter. William Forman [Soho] to James Watt Jr. (6 Green Lettice Lane). 23 Jan. 1795.  
*Enclosing (b) below. Docketed as 24 Jan.  
Docketed "Insurance at Gainsborough. Workmen from Liverpool. Oval brushes. Mr. Forth debtor for ink powders."*
- b.** Letter. Joshua P. Orme (12 Mersey St., Liverpool) to "Watt & Co." 20 Jan. 1795.
- 13.** Letter. William Forman (Soho) to James Watt Jr. [London]. 29 Jan. 1795.  
*Docketed "Prices of copying machines and auxiliary articles. Commission on them. Sponge papers to be sold to none but Boulton & Watt etc."*
- 14.** Letter. William Forman (Soho) to James Watt Jr. [London]. 11 Feb. 1795.  
*Docketed "Letter to Brake. Paper to Hodges. Mr. Mylne's piston and rod. Thoughts on copying machines. Izon's rolls bad. Copying machines etc. State of the weather."*
- 15.** Letter. William Forman (Soho) to James Watt Jr. [London]. 23 May 1795.  
*Forman did not date this letter. The letter has later been incorrectly dated inside as 23 May 1793. Docketed "Casting of brass rolls. Sluggishness of bricklayers at Heathfield. Excellence of Lawson's lacquer."*
- 16.** Letter. William Forman (Soho) to James Watt Jr. [London]. 25 May 1795.  
*Docketed "On the improvements going on in the copying machine business."*
- 17.** Letter. William Forman (Soho) to James Watt Jr. [London]. 28 May 1795.  
*Docketed "On the state of things at Heathfield. Increasing demand for copying machines. Difficulty in procuring locks. Scarcity of cash."*
- 18.** Letter. William Forman (Soho) to James Watt Jr. [London]. 7 Jan. 1796.  
*Docketed "Specimens of copying paper from Mr. Cobb – the brown with a preparation in it."*
- 19.** Letter. William Forman (Soho) to James Watt Jr. (13 London St.). 16 May 1796.  
*Docketed "Price of goods inadequate to the expense of getting them up. Copying machines."*
- 20.** Letter. William Forman (Soho) to James Watt Jr. [London]. 19 May 1796.  
*Docketed "Oil varnish does not answer for rolls. Bromley's transactions. Various copying machines ordered or sent off."*
- 21.** Letter. William Forman (Soho) to James Watt Jr. [London]. 2 Jun. 1796.  
*Docketed "Scarcity of copying machines and workmen. Remittances and disbursements. Bromley's treason. Chippindall's threatened indignation."*
- 22.** Letter. William Forman [Soho] to James Watt Jr. [London]. 24 Nov. 1796.  
*Not dated – date taken from the docket. Docketed "With invoice for Mr. Miller."*
- 23.** Letter. William Forman (Soho) to James Watt Jr. [London]. 12 Dec. 1796.  
*Mis-docketed as 28 Dec.  
Docketed "Thomson's recovery. Copying Co.'s trade."*
- 24.** Letter. William Forman (Soho) to James Watt Jr. [London]. 2 May 1799.  
*Docketed "Order from Hoofstetter and queries about ditto. Good measure of the Glasgow mahogany."*
- 25.** Letter. William Forman (Soho) to James Watt Jr. (13 London St.). 21 Oct. 1800.  
*Docketed "With bill of lading of goods for Commissioners of the Navy."*

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DETAILED LISTING

**REEL 214**

**3/251 John Hall, 1778-1783 (25 items)**

John Hall was one of the first engine erectors employed by Boulton & Watt. The engines he worked on include the Wren's Nest forge engine in Shropshire, engines for John Wilkinson at Ketley and Snetshill (Snedshill), and blowing engines in Yorkshire.

1. Letter. John Hall (Soho) to Matthew Boulton (6 Green Lettice Lane). 17 May 1778.
2. Letter. John Hall (Ketley) to Matthew Boulton (Soho). 12 Sep. 1778.  
*Docketed as 17 Sep.*
3. Letter. John Hall (Ketley Furnace) to Matthew Boulton (Soho). 15 Sep. 1778.
4. Letter. John Hall (Ketley Furnace) to James Watt (Redruth). 31 Oct. 1778.
5. Letter. John Hall (Wrensnest Forge) to Boulton & Watt (Soho). 26 Feb. 1779.
6. Letter. John Hall (Wrensnest Forge) to Matthew Boulton (Soho). 6 Mar. 1779.
7. Letter. John Hall (Wrensnest Forge) to James Watt (Soho). 13 Mar. 1779.
8. Letter. John Hall (Wrensnest) to James Watt [Soho]. 1 Jun. 1779.  
*Docketed "Steam case for Snedshill".*
9. Letter. John Hall (Wrensnest Forge) to James Watt (Soho). 9 Jun. 1779.
10. Letter. John Hall (Snedshill Furnace) to James Watt (Soho). 20 Jul. 1779.
11. Letter. John Hall (Rotherham) to James Watt (Cusgarne). 28 Sep. 1780.  
*Docketed "Drawing of belly cylinder."*
12. Letter. John Hall (Coventry) to James Watt (Birmingham). 16 Feb. 1781.
13. Letter. John Hall (Temple Mills) to James Watt (Birmingham). 2 Apr. 1781.  
*On the same sheet:*  
Note about rolling lead and tin by "J. B."
14. Letter. John Hall (Benthall Furnace) to Boulton & Watt (Soho). 23 May 1781.
15. Letter. John Hall (London) to William Playfair (Soho). 18 Aug. 1781.
16. Letter. John Hall (Rotherham) to James Watt (Cusgarne). 1 Oct. 1781.
17. Letter. John Hall (Rotherham) to James Watt [Cusgarne]. 16 Oct. 1781.
18. Letter. John Hall (Rotherham) to James Watt [Cusgarne]. 23 Oct. 1781.  
*Docketed "His equalizing beam for regulating belly."*
19. Letter. John Hall (Rotherham) to James Watt (Cusgarne). 23 Dec. 1781.

20. Letter. John Hall (Rotherham) to Matthew Boulton (Soho). 9 Feb. 1782.
21. Letter. John Hall (Rotherham) to James Watt (Cusgarne). 16 Apr. 1782.  
*The letter was re-directed to Birmingham.*
22. Letter. John Hall (Rotherham) to John Buchanan (Soho). 24 May 1782.
23. Letter. John Hall (Rotherham) to Matthew Boulton [Soho]. 27 May 1782.
24. Letter. John Hall (Rotherham) to James Watt (Birmingham). 4 Jun. 1783.
25. Letter. John Hall (Rotherham) to James Watt [Birmingham]. 27 Jun. 1783.

**3/252 Joseph Harrison, 1779, 1786, 1787 (4 items)**

Harrison was one of the first engineers employed by Boulton & Watt.

**1a. Letter.** Joseph Harrison (Chelsea) to James Watt [Birmingham]. 13 Jan. 1779.  
*Enclosing (b) below. Docketed as 9 Jan.  
Docketed "Baron Waites."*

**b.** Memorandum. List of Baron Waites' questions about the engine.  
*Docketed "Baron Waites from Berlin."*

2. Letter. Joseph Harrison (Chacewater) to James Watt (Birmingham). 6 Aug. 1779.
3. Letter. Joseph Harrison (Sheffield) to James Watt [?] [Birmingham]. 19 Mar. 1786.
4. Letter. Joseph Harrison (Hull) to James Watt [Birmingham]. 22 Oct. 1787.

**3/253 Logan Henderson, 1776 (10 items)**

Logan Henderson was one of Boulton & Watt's earliest engine erectors, working for them between 1776 and 1783. He made extensive visits to Cornwall, London, Ireland, Scotland the North East and elsewhere, and he supervised matters at Soho when Boulton and Watt were absent.

**1.** Letter. Logan Henderson (41 Park Lane, Liverpool) to James Watt (care of Mr. Boulton, Soho). 17 Aug. 1776.  
*Docketed as 19 Aug.  
Marked on the back "Mr. Matthews at Broseley wants an engine to raise two 18 inch columns to 20 yards high."  
[The letter does not mention Matthews' enquiry, but is actually about Henderson's belief that Boulton & Watt engines will find a large market in West Indies sugar mills.]*

**2.** Letter. Logan Henderson (Deptford) to James Watt [Birmingham]. 11 Nov. 1776.

**3.** Letter. Logan Henderson (New Inn, Redruth) to Matthew Boulton (Birmingham). 2 Dec. 1776.

**4.** Letter. Logan Henderson (Redruth) to Zaccheus Walker (38 Snow Hill, Birmingham). 4 Dec. 1776. 2 sheets.

**5.** Letter. Logan Henderson (Redruth) to Zaccheus Walker [Birmingham]. 7 Dec. 1776. 2 sheets.  
*The docket is on a separate sheet.*

**6.** Letter. Logan Henderson (Redruth) to Zaccheus Walker (38 Snow Hill, Birmingham). 13 Dec. 1776.  
*Letter continued on 14 Dec.*

7. Letter. Logan Henderson (Redruth) to Zaccheus Walker (38 Snow Hill, Birmingham).  
15 Dec. 1776.  
*Letter continued on 16 Dec.*
8. Letter. Logan Henderson (Redruth) to Zaccheus Walker (38 Snow Hill, Birmingham).  
21 Dec. 1776.
9. Letter. Logan Henderson (Redruth) to Zaccheus Walker (38 Snow Hill, Birmingham).  
23 Dec. 1776.
10. Letter. Logan Henderson (St. Columb) to Zaccheus Walker (38 Snow Hill, Birmingham).  
30 Dec. 1776.

**3/254 Logan Henderson, 1777**

**(19 items)**

1. Letter. Logan Henderson (Liverpool) to Zaccheus Walker (38 Snow Hill, Birmingham).  
27 Jan. 1777.  
*Zaccheus Walker added a note to the letter before passing it to Matthew Boulton.*
2. Letter. Logan Henderson (Liverpool) to Zaccheus Walker (38 Snow Hill, Birmingham).  
2 Feb. 1777.
3. Letter. Logan Henderson (Birmingham) to James Watt (at Mr. Taylor's, Bedworth). 17  
Mar. 1777.  
*With a postscript in Boulton's hand "Chorus Mrs. Watt, Mr. Henderson, Mr. Boulton Hallaluja  
Hallaluja Hallaluju, Huzza Huzza Huzza, Behemoth for ever. Let every thing that hath breath  
praise the Lord." [Re Watt's news of the starting of the Bedworth engine.]*
4. Letter. Logan Henderson (London) to James Watt (Newhall). 21 Apr. 1777.  
*Docketed as 20 Apr.*
5. Letter. Logan Henderson (London) to James Watt [Newhall]. 28 Apr. 1777.
6. Letter. Logan Henderson (London) to James Watt (Newhall). 30 Apr. 1777.  
*On the same sheet:*  
Letter. Matthew Boulton (London) to James Watt (Newhall). 30 Apr. 1777.
7. Letter. Logan Henderson (London) to James Watt (Newhall). 14 May 1777.  
*Docketed "Simcox's engine."*
8. Letter. Logan Henderson (Rochester) to Matthew Boulton (care of Mr. Reid, King's Head,  
Rochester). 20 May 1777.
9. Letter. Logan Henderson (Soho) to James Watt [Cornwall]. 13 Aug. 1777.  
*Not dated – date taken from the docket.*
10. Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater).  
15 Aug. 1777.  
*Docketed "Bedworth cross bar at top broken."*
11. Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater).  
18 Aug. 1777.  
*On the same sheet:*  
Transcript of letter. William Burges [London] to Boulton & Watt. Not dated.  
Transcript of letter. John Edwards [Cornwall] to Matthew Boulton. Not dated.
12. Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 20  
Aug. 1777.  
*Docketed "About Chelsea engine."*

13. Letter. Logan Henderson (Lawton Salt Works) to Matthew Boulton (Soho). 5 Sep. 1777.
14. Letter. Logan Henderson (Torryburn) to Boulton & Watt (Soho). 25 Sep. 1777.
15. Letter. Logan Henderson (Torryburn) to Matthew Boulton (Soho). 8 Oct. 1777.
16. Letter. Logan Henderson (Torryburn) to James Watt (Soho). 9 Oct. 1777.
17. Letter. Logan Henderson (Torryburn) to James Watt (Soho). 20 Oct. 1777.
18. Letter. Logan Henderson (Torryburn) to James Watt [Soho]. 27 Oct. 1777. 2 sheets.
19. Letter. Logan Henderson (Torryburn) to James Watt (Soho). 2 Nov. 1777.

**3/255 Logan Henderson, 1778**

**(37 items)**

Logan Henderson was one of Boulton & Watt's earliest engine erectors, working for them between 1776 and 1783. He made extensive visits to Cornwall, London, Ireland, Scotland the North East and elsewhere, and he supervised matters at Soho when Boulton and Watt were absent.

1. Letter. Logan Henderson (Torryburn) to Boulton & Watt (Soho). 10 Jan. 1778.
2. Letter. Logan Henderson (Torryburn) to Boulton & Watt (Soho). 11 Jan. 1778.
3. Letter. Logan Henderson (Torryburn) to Boulton & Watt (Soho). 14 Jan. 1778.
4. Letter. Logan Henderson (Torryburn) to Boulton & Watt (Soho). 18 Jan. 1778.
5. Letter. Logan Henderson (Torryburn) to James Watt (Soho). 1 Feb. 1778.
6. Letter. Logan Henderson (Torryburn) to James Watt (Soho). 4 Feb. 1778.  
*The half of the sheet containing the letter has been torn away and is wanting. The remaining half contains a note about Mr. Collock's old engine, the address and docket.*
7. Letter. Logan Henderson (Torryburn) to Boulton & Watt (Soho). 15 Feb. 1778.
8. Letter. Logan Henderson (Lawton Salt Works) to James Watt (Soho). 20 Mar. 1778.
9. Letter. Logan Henderson (Hassall) to James Watt (Soho). 24 Mar. 1778.  
*Docketed as being from Lawton Salt Works.*
10. Letter. Logan Henderson (Hawkesbury) to James Watt [Soho]. 23 Apr. 1778.
11. Letter. Logan Henderson (Richmond) to James Watt [London]. 16 May 1778.
12. Letter. Logan Henderson (London) to James Watt (Redruth). 3 Jun. 1778.  
*Part of the letter is in Matthew Boulton's hand.*
13. Letter. Logan Henderson (London) to James Watt (Redruth). 10 Jun. 1778.
14. Letter. Logan Henderson (London) to James Watt (Redruth). 14 Jun. 1778.  
*On the same sheet:*  
Letter. Matthew Boulton (London) to James Watt (Redruth). 14 Jun. 1778.
15. Letter. Logan Henderson (Richmond) to James Watt (Redruth). 23 Jun. 1778.
16. Letter. Logan Henderson (Richmond) to James Watt (Redruth). 30 Jun. 1778.

- 17a.** Letter. Logan Henderson (Richmond) to Matthew Boulton [London]. 6 Jul. 1778.  
*Kept with (b) below.*
- b.** Letter. Logan Henderson [Richmond] to Matthew Boulton [London]. 7 Jul. 1778 [?].  
*Not dated or docketed. Found folded inside (a) above.*
- 18.** Letter. Logan Henderson (Richmond) to James Watt (Redruth). 19 Jul. 1778. 2 sheets.
- 19.** Letter. Logan Henderson (Richmond) to Matthew Boulton (Soho). 19 Jul. 1778.
- 20.** Letter. Logan Henderson (Richmond) to Matthew Boulton [?] [Soho]. 26 Jul. 1778.
- 21.** Letter. Logan Henderson (Richmond) to Matthew Boulton (Soho). 31 Jul. 1778.  
*Letter continued on 1 Aug.*
- 22.** Letter. Logan Henderson (Soho) to James Watt (Redruth). 7 Aug. 1778.
- 23.** Letter. Logan Henderson (Newcastle) to Matthew Boulton (Soho). 16 Aug. 1778.  
*Letter continued on 17 Aug.*
- 24.** Letter. Logan Henderson (New Winnings, Byker) to James Watt (Redruth).  
18 Aug. 1778.
- 25.** Letter. Logan Henderson (Newcastle) to James Watt (Redruth). 24 Aug. 1778.  
*Docketed "Mrs. Montague's engine."*
- 26.** Letter. Logan Henderson (St. Anthony's) to James Watt (Redruth). 5 Sep. 1778.  
2 sheets.  
*On the same sheets:*  
Transcript of letter to the *Courant* newspaper, by "A Friend to Real Merit". 26 Aug. 1778.
- 27.** Letter. Logan Henderson (Newcastle) to Matthew Boulton (6 Green Lettice Lane).  
8 Sep. 1778.
- 28.** Letter. Logan Henderson (St. Anthony's) to James Watt [Redruth]. 16 Sep. 1778.
- 29.** Letter. Logan Henderson (St. Anthony's) to James Watt (Redruth). 26 Sep. 1778.
- 30.** Letter. Logan Henderson (St. Anthony's) to Matthew Boulton (6 Green Lettice Lane).  
26 Sep. 1778.
- 31.** Letter. Logan Henderson (St. Anthony's) to James Watt (Redruth). 16 Oct. 1778.  
2 sheets. *Docketed "Mrs. Montague's engine."*
- 32.** Letter. Logan Henderson (Hull) to James Watt (Redruth). 23 Oct. 1778. 2 sheets.  
*Docketed "Mrs. Montague's and Walker's engines."*
- 33.** Letter. Logan Henderson (Hull) to James Keir (Soho). 29 Oct. 1778.
- 34.** Letter. Logan Henderson (Hull) to James Watt (Redruth). 2 Nov. 1778.
- 35.** Letter. Logan Henderson (Hull) to James Keir (Soho). 3 Nov. 1778.
- 36.** Letter. Logan Henderson (Hull) to James Watt (Redruth). 25 Nov. 1778.
- 37.** Letter. Logan Henderson (Hull) to James Keir (Soho). 26 Nov. 1778.

**3/256 Logan Henderson, 1779**

**(34 items)**

- 1.** Letter. Logan Henderson (Hull) to Matthew Boulton [Soho]. 5 Jan. 1779.

2. Letter. Logan Henderson (Hull) to Matthew Boulton (Soho). 8 Jan. 1779.  
*Docketed "Setting Hull engine going."*
3. Letter. Logan Henderson (Hull) to Matthew Boulton (Soho). 17 Jan. 1779.  
*Docketed "Mr. Chapman's agreement."*
4. Letter. Logan Henderson (Hull) to Matthew Boulton (Soho). 22 Jan. 1779.
5. Letter. Logan Henderson (Hawkesbury) to James Watt (Birmingham). 9 Mar. 1779.
6. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 7 Apr. 1779. 2 sheets.  
*Docketed as being from Malehurst.*
7. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 26 Apr. 1779.  
*The letter contains a pressed flower.*
8. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 9 May 1779. 2 sheets.
9. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 23 May 1779.
10. Letter. Logan Henderson (Malehurst) to James Watt (Soho). 4 Jun. 1779.
11. Letter. Logan Henderson (Engine House, Malehurst) to James Watt (Soho). 6 Jun. 1779.
12. Letter. Logan Henderson (Pontesbury) to William Playfair (Soho). 7 Jun. 1779.
13. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 10 Jun. 1779.
14. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 14 Jun. 1779.  
*Letter continued on 15 Jun.*
15. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 18 Jun. 1779.  
*Letter continued on 19 Jun.*
16. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 21 Jun. 1779.
17. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 22 Jun. 1779.
18. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 25 Jun. 1779.
19. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 30 Jun. 1779.
20. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 4 Jul. 1779.
21. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 6 Jul. 1779.
22. Letter. Logan Henderson (Malehurst) to James Watt (Soho). 9 Jul. 1779.
23. Letter. Logan Henderson (Malehurst) to James Watt (Soho). 10 Jul. 1779.
24. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 13 Jul. 1779.
25. Letter. Logan Henderson (Pontesbury) to James Watt [Soho]. 16 Jul. 1779.  
*Docketed as being from Malehurst.*
26. Letter. Logan Henderson (Pontesbury) to James Watt (Soho). 20 Jul. 1779.  
*Docketed as being from Malehurst.*

- 27.** Letter. Zaccheus Walker (Birmingham) to James Watt (care of Thomas Wilson, Chacewater). 27 Oct. 1779.  
*Docketed "Receipt of £172. Account of shipping goods."*  
*This letter was kept with Henderson's letters to Cornwall.*
- 28.** Letter. Logan Henderson (Newcastle) to James Watt (Chacewater). 9 Oct. 1779.
- 29.** Letter. Logan Henderson (Soho) to James Watt (Cornwall). 15 Nov. 1779.
- 30.** Letter. Logan Henderson (Bromsgrove) to James Watt (Cornwall). 16 Nov. 1779.
- 31.** Letter. Logan Henderson (Soho) to Boulton & Watt (care of Thomas Wilson, Chacewater). 8 Dec. 1779.  
*On the same sheet:*  
Letter. James Keir (Soho) to Matthew Boulton (Chacewater). 8 Dec. 1779.
- 32.** Letter. Logan Henderson (Soho) to Boulton & Watt (care of Thomas Wilson, Chacewater). 16 Dec. 1779.
- 33.** Letter. Logan Henderson (Soho) to Boulton & Watt (care of Thomas Wilson, Chacewater). 18 Dec. 1779.
- 34.** Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 30 Dec. 1779.  
*Docketed "List of materials for St. Anthony's small engines." The list is printed on the same sheet.*

**3/257 Logan Henderson, 1780**

**(69 items)**

- 1.** Letter. Logan Henderson (Soho) to Matthew Boulton (care of Thomas Wilson, Chacewater). 1 Jan. 1780.
- 2.** Letter. Logan Henderson (Soho) to Matthew Boulton (care of Thomas Wilson, Chacewater). 4 Jan. 1780.  
*Docketed "With drawing of roller and Bersham order for Mr. Chapman's 24 inch engine." The drawing is on the same sheet.*
- 3.** Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 11 Jan. 1780.
- 4.** Letter. Logan Henderson (Soho) to Matthew Boulton (care of Thomas Wilson, Chacewater). 15 Jan. 1780.
- 5.** Letter. Logan Henderson (Soho) to Matthew Boulton (care of Thomas Wilson, Chacewater). 20 Jan. 1780.
- 6.** Letter. Logan Henderson (Soho) to Matthew Boulton (care of Thomas Wilson, Chacewater). 22 Jan. 1780.
- 7.** Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 27 Jan. 1780.
- 8.** Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 29 Jan. 1780.  
*On the same sheet:*  
Letter. James Keir (Soho) to James Watt. 29 Jan. 1780.  
Letter. James Keir (Soho) to Matthew Boulton. 29 Jan. 1780.
- 9.** Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 1 Feb. 1780.

10. Letter. Logan Henderson (Soho) to James Watt (care of Thomas Wilson, Chacewater). 5 Feb. 1780.
11. Letter. Logan Henderson (Redruth) to Boulton & Watt (Soho). 30 Mar. 1780.  
*Docketed "On his arrival."*
12. Letter. Logan Henderson (Redruth) to James Watt (Soho). 1 Apr. 1780.  
*Docketed "Forking Wheel Chance."*
13. Letter. Logan Henderson (Redruth) to James Watt (Soho). 3 Apr. 1780.
14. Letter. Logan Henderson (Redruth) to James Watt [Soho]. 6 Apr. 1780.
15. Letter. Logan Henderson (Redruth) to James Watt [Soho]. 8 Apr. 1780.
16. Letter. Logan Henderson (Redruth) to James Watt (Soho). 17 Apr. 1780.
17. Letter. Logan Henderson (Redruth) to James Watt (Soho). 20 Apr. 1780.
18. Letter. Logan Henderson (Redruth) to James Watt (Soho). 22 Apr. 1780.
19. Letter. Logan Henderson (Redruth) to James Watt (Soho). 1 May 1780.
20. Letter. Logan Henderson (Redruth) to James Watt (Soho). 4 May 1780.
21. Letter. Logan Henderson (Chacewater) to James Watt (Soho). 11 May 1780.  
*On the same sheet:*  
Letter. Thomas Wilson (Chacewater) to James Watt (Soho). 11 May 1780.
22. Letter. Logan Henderson (Redruth) to James Watt (Soho). 13 May 1780.
23. Letter. Logan Henderson (Redruth) to James Watt (Soho). 14 May 1780.
24. Letter. Logan Henderson (Redruth) to James Watt (Soho). 18 May 1780.
25. Letter. Logan Henderson (Redruth) to James Watt [Soho]. 19 May 1780.
26. Letter. Logan Henderson (Truro) to James Watt [Soho]. 25 May 1780.
27. Letter. Logan Henderson (Redruth) to James Watt (Soho). 27 May 1780.
28. Letter. Logan Henderson (Redruth) to James Watt (Soho). 29 May 1780.
29. Letter. Logan Henderson (Redruth) to James Watt (Soho). 3 Jun. 1780.  
*Docketed "Calculation for Poldice."*
30. Letter. Logan Henderson (Redruth) to James Watt (Soho). 5 Jun. 1780.
31. Letter. Logan Henderson (Redruth) to James Watt (Soho). 12 Jun. 1780.
32. Letter. Logan Henderson (Redruth) to James Watt [Soho]. 13 Jun. 1780.  
*Docketed as 8 Jun.*
33. Letter. Logan Henderson (Redruth) to James Watt (Soho). 15 Jun. 1780.  
*Docketed "Calculation of Poldice savings."*
34. Letter. Logan Henderson (Redruth) to Matthew Boulton (6 Green Lettice Lane). 24 Jun. 1780.  
*Docketed "Mr. Arthur's engine."*

- 35.** Letter. Zaccheus Walker (Birmingham) to James Watt (6 Green Lettice Lane). 24 Jun. 1780.  
*On the same sheet:*  
Transcript of extract of letter. Logan Henderson (Redruth) to Zaccheus Walker [Birmingham]. 19 Jun. 1780.
- 36.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 1 Jul. 1780.  
*On the same sheet:*  
Table. Account of engines for Jun. 1780.  
*Figures for Hallamanin, Wheal Union, Wheal Chance, Poldice, Ting Tang. Docketed "Monthly account of engines."*
- 37.** Letter. Logan Henderson (Redruth) to James Watt (6 Green Lettice Lane). 3 Jul. 1780.
- 38.** Letter. Logan Henderson (Plain an Gwarry) to James Watt (Soho). 6 Jul. 1780.
- 39.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 8 Jul. 1780.
- 40.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 13 Jul. 1780.
- 41.** Letter. Logan Henderson (Redruth) to James Watt (Harper's Hill). 15 Jul. 1780.  
*Docketed "Order for Pool cylinder."*
- 42.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 19 Jul. 1780. 2 sheets.  
*Docketed "Consumption of various engines."*
- 43.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 22 Jul. 1780.
- 44.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 24 Jul. 1780.
- 45.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 27 Jul. 1780.  
*Docketed "Load of Pool engine."*
- 46.** Letter. Logan Henderson (Truro) to James Watt (Soho). 29 Jul. 1780.  
*Docketed "Appointing Wheal Virgin meeting on 26<sup>th</sup> of August."*
- 47.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 3 Aug. 1780. 2 sheets.
- 48.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 5 Aug. 1780.  
*Docketed "About Tresavean engine, principally."*
- 49.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 10 Aug. 1780.  
*Docketed "Size of Pool boiler."*
- 50.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 14 Aug. 1780.
- 51.** Letter. Logan Henderson (Truro) to James Watt [Soho]. 26 Aug. 1780.  
*With a postscript in Matthew Boulton's hand.*
- 52.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 28 Aug. 1780.  
*Docketed "List of Wheal Virgin adventurers."*
- 53.** Letter. Logan Henderson (Redruth) to James Watt (Birmingham). 4 Sep. 1780.
- 54.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 18 Sep. 1780.  
*Docketed "Account of a cask of ore for Mr. Keir."*
- 55.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 28 Sep. 1780.

- 56.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 16 Oct. 1780.  
*Docketed "Concerning Tresavean."*
- 57.** Letter. Logan Henderson (Redruth) to James Watt [Soho]. 19 Oct. 1780.  
*Docketed "Sizes of Wheal Virgin engines."*
- 58.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 28 Oct. 1780.
- 59.** Letter. Logan Henderson (Redruth) to James Watt (Soho). 4 Nov. 1780.  
*On the same sheet:*  
Letter. Matthew Boulton (Redruth) to James Watt (Soho). 4 Nov. 1780.  
*Docketed "Sketch of monthly account for October." Summarised (by Henry Hazleton)  
"Henderson gives the savings of various Cornish engines. Concerning Cornish affairs.  
Boulton gives amusing account of sores upon his b——m."*
- 60.** Letter. Logan Henderson (Redruth) to James Watt [Soho]. 11 Nov. 1780.
- 61.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 4 Dec. 1780.
- 62.** Power of Attorney. 11 Dec. 1780.  
*Appointing Logan Henderson as Boulton & Watt's agent in Cornwall to "look after and take  
care of engines."  
Signed and sealed by Matthew Boulton and witnessed by John Davis and James Law.*
- 63.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 19 Dec. 1780.
- 64.** Letter. Logan Henderson (Lower Cusgarne) to James Watt (Soho). 21 Dec. 1780.
- 65.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 23 Dec. 1780.
- 66.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 25 Dec. 1780.
- 67.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 28 Dec. 1780.  
*Docketed "About pump chains."*
- 68.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 28 Dec. 1780.  
*This letter may actually have been written on 29 Dec., as it begins "In my letter of  
yesterday..." which would seem to be a reference to the previous letter. It is docketed as  
30 Dec.*
- 69.** Letter. Logan Henderson (Cusgarne) to Boulton & Watt (Soho). 30 Dec. 1780.  
*Docketed "Order to send off Poldice goods."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 215**

**3/258 Logan Henderson, 1781 (50 items)**

1. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 1 Jan. 1781.
2. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 4 Jan. 1781.  
*Docketed "Mr. Williams' order to send off Poldice goods."*
3. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 6 Jan. 1781.  
*Docketed "Receipt of £16.12.7 from Mr. Philips."*
4. Letter. Logan Henderson (Cusgarne) to James Watt [Soho]. 8 Jan. 1781.  
*Docketed "About United Mines balance bob."*
5. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 13 Jan. 1781.  
*Docketed "List of beam screws made."*
6. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 15 Jan. 1781.
7. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 18 Jan. 1781. 2 sheets.  
*Docketed "Arrival of Pool nozzles. Scheme of a tilting forge."*
8. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 20 Jan. 1781.
9. Letter. Logan Henderson (Cusgarne) to James Watt [Soho]. 22 Jan. 1781.  
*Docketed "Order for Poldice pumps."*
10. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 25 Jan. 1781.  
*Docketed "About Poldice pumps."*
11. Letter. Logan Henderson (Redruth) to James Watt (Soho). 28 Jan. 1781.  
*Letter continued on 29 Jan. Docketed "Demand for portable engines."*
12. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 8 Feb. 1781.
13. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 10 Feb. 1781.  
*Docketed "Observation on Wheal Virgin beam and propostions on bucket door pieces."*
14. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 15 Feb. 1781.  
*Docketed "About Mr. Wilkinson taking Poldice old brass and copper."*
15. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 17 Feb. 1781.  
*Docketed as 15 Feb.*
16. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (Soho). 17 Feb. 1781.
17. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (Soho). 19 Feb. 1781.
18. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 19 Feb. 1781.
19. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 21 Feb. 1781.

20. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 24 Feb. 1781.
21. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 1 Mar. 1781.
22. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 3 Mar. 1781.
23. Letter. Logan Henderson (Cusgarne) to James Watt (Harper's Hill). 5 Mar. 1781.
24. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (6 Green Lettice Lane). 5 Mar. 1781.
25. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 8 Mar. 1781.
26. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (6 Green Lettice Lane). 8 Mar. 1781.
27. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 10 Mar. 1781.
28. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 12 Mar. 1781.
29. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (6 Green Lettice Lane). 12 Mar. 1781.
30. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 15 Mar. 1781.
31. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 17 Mar. 1781.
32. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 19 Mar. 1781.
33. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (Soho). 19 Mar. 1781.
34. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 22 Mar. 1781.
35. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 24 Mar. 1781.  
*Docketed "Order for the whole of Wheal Virgin pumps and caps."*
36. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 26 Mar. 1781.
37. Letter. Logan Henderson (Cusgarne) to Matthew Boulton (6 Green Lettice Lane). 29 Mar. 1781.
38. Letter. Logan Henderson [Cusgarne] to James Watt (Soho). 2 Apr. 1781.  
*Not dated - docketed as Mar., but in his letter of 5 Apr. Henderson says he sent an undated letter on 2 Apr.*
39. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 5 Apr. 1781.
40. Letter. Logan Henderson (Cusgarne) to William Playfair (Soho). 7 Apr. 1781.  
*Passed to Watt by Playfair.*
41. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 9 Apr. 1781.  
*Docketed "Repair of Ting Tang."*
42. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 12 Apr. 1781.
43. Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 14 Apr. 1781.
- 44a. Letter. Logan Henderson (Cusgarne) to James Watt (Harper' Hill). 19 Apr. 1781.  
*Enclosing (b) below.*

*Docketed "With copy of one to Mr. Boulton concerning Mr. Daniel and Wheal Virgin meeting."*

**b.** Letter (press copy). Logan Henderson (Cusgarne) to Matthew Boulton. 19 Apr. 1781. 3 sheets

**45.** Letter. Logan Henderson (Cusgarne) to James Watt (Soho). 23 Apr. 1781.

**46.** Letter. Logan Henderson (Dublin) to Matthew Boulton (Cusgarne). 1 Dec. 1781.

**47.** Letter. Logan Henderson (Dublin) to Matthew Boulton (Cusgarne). 3 Dec. 1781.  
*On the same sheet:* Draft of letter. Matthew Boulton [Cusgarne] to Logan Henderson [Dublin]. Not dated.

**48.** Letter. Zaccheus Walker (Birmingham) to James Watt (Cusgarne). 22 Dec. 1781.

*On the same sheet:*

Transcript of letter. Logan Henderson (Dublin) to Zaccheus Walker [Birmingham]. 17 Dec. 1781.

*Docketed "Covering letter from Mr. Henderson from Ireland."*

**49a.** Letter. Logan Henderson (Birmingham) to James Watt (Cusgarne). 24 Dec. 1781.

*Enclosing (b) below. Docketed "With copy letter from G. Meason."*

**b.** Transcript of letter (press copy). Gilbert Meason (Edinburgh) to Boulton & Watt [Soho]. 18 Dec. 1781.

**50.** Letter. Logan Henderson (Soho) to James Watt (Cusgarne). 27 Dec. 1781.

**3/259 Logan Henderson, 1782-1785, 1788-1790 (32 items)**

**1.** Letter. Logan Henderson (Plain-an-Gwarry) to James Watt (Cusgarne). 21 Jan. 1782.

*Docketed "About bargain with Messrs. Colclough."*

**2.** Letter. Logan Henderson (Soho) to James Watt (Cusgarne). 28 Feb. 1782.

**3.** Letter. Logan Henderson (Soho) to James Watt (Cusgarne). 2 Mar. 1782.

**4.** Letter. Logan Henderson (Bristol) to James Watt (Cusgarne). 9 Mar. 1782.

*Docketed "About the shipwreck of his goods."*

**5.** Letter. Logan Henderson (Soho) to James Watt (Cusgarne). 26 Mar. 1782.

**6.** Letter. Logan Henderson (Soho) to James Watt (Cusgarne). 28 Mar. 1782.

*Docketed "With abstract of his account."*

**7.** Letter. Logan Henderson (Soho) to Matthew Boulton [Soho]. 4 Jul. 1782.

**8.** Letter. Logan Henderson (Doonane) to Boulton & Watt (Soho). 30 Aug. 1782.

**9.** Letter. Logan Henderson (Doonane) to Boulton & Watt (Soho). 6 Sep. 1782.

**10.** Letter. Logan Henderson (Doonane) to Boulton & Watt (Birmingham). 16 Sep. 1782.

**11a.** Letter. Logan Henderson (Doonane) to James Watt [Soho]. 27 Sep. 1782.

*Enclosing (b) and (c) below.*

**b, c.** Two cuttings from the *Leinster Journal*.

*Re. the Commissioners of the Barrow Navigation wanting to receive proposals from contractors for keeping the locks and works in repair.*

**12.** Letter. Logan Henderson (Doonane) to James Watt (Harper's Hill). 25 Oct. 1782.

13. Letter. Logan Henderson (Doonane) to James Watt (Harper's Hill). 4 Nov. 1782.
14. Letter. Logan Henderson (Doonane) to James Watt (Soho). 20 Nov. 1782.
15. Letter. Logan Henderson (Doonane) to James Watt [Soho?]. 28 Nov. 1782.
16. Letter. Logan Henderson [Doonane] to James Watt (Soho). — Dec. 1782.  
*Not dated – date taken from the docket.*
17. Letter. Logan Henderson (Doonane) to Boulton & Watt (Soho). 5 Feb. 1783.
18. Letter. Logan Henderson (Soho) to William Matthews (London). 21 Feb. 1783.
19. Letter. Logan Henderson (Handsworth) to James Watt [Soho]. 24 Feb. 1783.  
*Docketed "Relinquishing his place."*
20. Letter. Logan Henderson (Handsworth) to James Watt (Harper's Hill). 27 Feb. 1783.
21. Letter. Logan Henderson (Handsworth) to James Pearson (Soho). 8 Mar. 1783.  
*Docketed "L. Henderson's card to Mr. Pearson, with drawings."*
22. Letter. Logan Henderson (10 Winchester Row, Paddington) to James Watt (Birmingham).  
10 Nov. 1784.
23. Letter. "J. T." (London) to Boulton & Watt [Soho]. 30 Apr. 1785.  
*Docketed "Anonymous concerning Wasp."*
- 24a. Letter. Logan Henderson (care of Jeremy Bentham, 6 Old Buildings, Lincoln's Inn) to  
Zaccheus Walker (Newhall). 21 Jun. 1785.  
*Enclosing (b) & (c) below.*
- b. Letter. Logan Henderson to Matthew Boulton. 21 Jun. 1785.
- c. Memorandum. Notes by Henderson on patents and export of engines.
25. Letter. Logan Henderson (5 Charlotte Row, Paddington) to James Watt [Birmingham].  
15 Dec. 1788.
26. Letter. Logan Henderson (Paddington) to James Watt (Birmingham). 29 Dec. 1788.
27. Letter. Logan Henderson (Paddington) to James Watt (Birmingham). 2 Jan. 1789.
28. Letter. Logan Henderson (Charlotte Row, Paddington) to James Watt [Birmingham].  
15 Jan. 1789.
29. Letter. Logan Henderson (Charlotte Row, Paddington) to James Watt (Birmingham).  
17 Jan. 1789.
30. Letter. Logan Henderson (Dublin) to James Watt [Birmingham]. 13 Apr. 1790.
31. Letter. Logan Henderson (Dublin) to James Watt [Birmingham]. 26 Apr. 1790.
32. Letter. Logan Henderson (2 Swift's Row, Dublin) to James Watt (Birmingham).  
16 Aug. 1790.

**3/260 Logan Henderson – letters to him from Matthew Boulton and James Watt, 1777,  
1781 (14 items)**

1. Letter. James Watt (Truro) to Logan Henderson (at Mr. Boulton's, Soho). 9 Aug. 1777.

2. Transcript of extract of letter. Matthew Boulton (London) to James Watt [?] (Soho). 12 Aug. 1777.  
*The extract concerns tasks that Boulton wants Henderson to carry out. Presumably this extract was passed to Henderson as a memorandum, as it is addressed to him on the outside, and both he and John Hall have added notes to the bottom of the sheet. Henry Hazleton summarised this as "Copy of Boulton's letter to Lieut. Henderson."*
3. Letter. Matthew Boulton (London) to Logan Henderson (at Boulton & Fothergill's, Soho). 13 Aug. 1777.  
*Summarised "Mentions Beelzebub engine. The outer cylinder case. Mr. Eggington. Mr. Fothergill. Want of buttons. Mr. Smeaton and his remarks upon the engines. Yatestooop engine and other news."*
4. Letter. James Watt (Chacewater) to Logan Henderson (Soho). 14 Aug. 1777.
5. Letter. Matthew Boulton (London) to Logan Henderson (Soho). 16 Aug. 1777.  
*Summarised "Concerning the air pumps etc. of the Bedworth engine. To observe Wilkinson's rule, make them double the strength every time they fail. Bought proportional compass at Stratford. Soho clacks give way. Little engines for saw mills. Mr. Edgeworth. Old drawings and copies."*
6. Letter. Matthew Boulton (London) to Logan Henderson (Soho). 18 Aug. 1777.  
*Summarised "Boulton sends compass. Drawings to be copied and sent to Mr. Watt. Bouge will not erect Edwards' engine. Chelsea expansive engine to be loaded to 7½ lbs. per inch, the great fault at Soho is, being too lightly loaded."*
7. Letter. James Watt (Chacewater) to Logan Henderson (Soho). 18 Aug. 1777.
8. Letter. James Watt (Chacewater) to Logan Henderson (Soho). 20 Aug. 1777.
9. Letter. James Watt (Birmingham) to Logan Henderson (Redruth). 26 Apr. 1781.  
*On the same sheet:*  
Transcripts of 2 letters, as follows:  
James Watt (Birmingham) to John Turner (—). 19 Apr. 1781.  
James Watt (Birmingham) to Hugh Jones (Chester). 26 Apr. 1781.
10. Letter. James Watt (Birmingham) to Logan Henderson (Redruth). 1 May 1781.  
*Mis-dated by Watt as 1 Apr.*
11. Letter. Matthew Boulton (Birmingham) to Logan Henderson (Cosgarne). 10 May 1781.  
*Sending of the Pool cylinder and other goods – danger of privateers. Trevascus engine house. Glad to hear Phillips is not going to leave Cornwall. Poldice drawings. Has received the fossils.*
12. Letter. Hugh Jones (Chester) to Logan Henderson [Cornwall]. 15 May 1781.
13. Letter. James Watt (Birmingham) to Logan Henderson (Redruth). 19 May 1781.
14. Letter. James Watt and Matthew Boulton (Birmingham) to Logan Henderson (Redruth). 22 May 1781. *The letter is begun by Watt and finished and signed by Boulton.*

**3/261 Jabez Carter Hornblower, 1778-1779**

**(24 items)**

Hornblower briefly worked for Boulton & Watt on various engines, but was dismissed because of his bad attitude and poor relations with Boulton & Watt's customers. He went on to make engines that Boulton & Watt considering as infringing Watt's patent, leading to lengthy legal action [see 2/41-2/48].

The bundle also contains a letter from one Margaret Hornblower, probably Jabez's wife.

- 1.** Letter. Jabez Carter Hornblower (Penzance) to James Watt (Plain an Gwarry).  
5 Dec. 1778.
- 2.** Letter. Jabez Carter Hornblower (Broseley) to Matthew Boulton (Soho). 16 Jan. 1779.  
*Docketed "About Ketley and Donnington Wood."*
- 3.** Letter. Jabez Carter Hornblower (Broseley) to James Watt (Birmingham). 21 Jan. 1779.  
*Docketed "Concerning Donnington Wood."*
- 4.** Letter. Jabez Carter Hornblower (—) to James Watt [Birmingham]. 26 Jan. 1779.  
*Docketed "Donnington Wood."*
- 5.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
1 Feb. 1779.
- 6.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
2 Feb. 1779.
- 7.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
8 Mar. 1779.
- 8.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
12 Mar. 1779.
- 9.** Letter. Jabez Carter Hornblower [Donnington Wood] to James Watt (Birmingham).  
16 Mar. 1779.
- 10.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
26 Mar. 1779.
- 11.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
12 Apr. 1779.
- 12.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
15 Apr. 1779.
- 13.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
3 May 1779.
- 14.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
13 May 1779.
- 15.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt [Birmingham].  
29 May 1779.
- 16.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
7 Jun. 1779.
- 17.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
1 Jul. 1779.  
*Dated and docketed as 31 Jun.*
- 18.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
16 Jul. 1779.
- 19.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
30 Jul. 1779.
- 20.** Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt (Birmingham).  
4 Aug. 1779.

21. Letter. Jabez Carter Hornblower (Donnington Wood) to James Watt [Birmingham]. 11 Aug. 1779.  
*Docketed "About Ketley injection pipe."*
22. Letter. Jabez Carter Hornblower (Ketley) to James Watt [Birmingham]. 27 Aug. 1779.  
*Letter brought "per James Law."*
23. Letter. Jabez Carter Hornblower (Ketley) to James Watt [Birmingham]. 30 Aug. 1779.
24. Letter. Margaret Hornblower (—) to James Watt [Chacewater]. 9 Nov. 1779.

**3/262 Samuel Hurt, Abraham Storey, Simon Vivian, 1800-1811 (35 items)**

Letters from three senior employees at Soho Foundry: Samuel Hurt, Head Clerk; Abraham Storey, head of the foundry department; and Simon Vivian, a smith and fitter.

**Samuel Hurt, 1800, 1801, 1804, 1811.**

1. Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (Soho). 11 Jul. 1800.  
*Docketed "With Bishton & Co.'s account."*
2. Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (The Rookery). 2 Feb. 1801.  
On the same sheet:  
Lists of presents given to Soho Foundry apprentices by Boulton & Watt Juniors 24 Dec. 1799 and 26 Jan. 1810.  
*Docketed "Encloses £22 for Jarratt & Co. Appointment of Harbourne overseers. Presents at Soho Foundry Christmas 1800 and 1801."*
3. Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 6 Mar. 1801.  
*Docketed "State of boilers at Soho Foundry."*
4. Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 21 Mar. 1801.  
*Docketed "State of J. Kennedy's engine, Pollard's ditto, Marsden & Neil's ditto."*
5. Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 15 May 1801.  
*Docketed "Particulars of account against Dingley."*
6. Letter. Samuel Hurt (Soho Foundry) to Boulton & Watt Jrs. (Soho). 19 May 1801.  
*Docketed "Enclosing a bill on Henry P. Whateley's account. Bennison applies for Murdock's statement of income."*
7. Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (The Rookery). 16 Jun. 1801.  
*Docketed "Rough statement of Thomas Dixon's account."*
- 8a. Letter. Samuel Hurt (Soho Foundry) to Boulton & Watt Jrs. (Soho). 9 Jul. 1801.  
*Kept with (b) below.*  
*Docketed "With amounts of quarterly accounts."*
- b. Account. Boulton & Watt debtors to Jos. Jesson & Co. for iron, May and Jun. 1801.
9. Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 9 Jul. 1801.  
*Not dated – date taken from the docket. Docketed "Prices of pig iron Lady Day quarter etc."*
10. Account. Thomas Dixon debtor to Boulton & Watt Jrs. 17 Jul. 1801.  
*Sent by Hurt to M. R. Boulton at Soho. The address and docket are on a separate wrapper.*  
*Docketed "Mr. Hurt. Statement of Mr. T. Dixon's account – balance against him of £28."*
11. Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 27 Aug. 1801.  
*Docketed "Prices asked for removing soil and filling up the foundations of the houses."*

- 12.** Account. Lloyd's account for bricks. 21 Sep. 1801.  
*Sent by Hurt to M. R. Boulton at Soho.*  
*Docketed "S. Hurt. Statement of Lloyd's account."*
- 13.** Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 8 Sep. 1801.  
*Docketed "Queries about apprentices' articles and terms. Smith & Sons cannot undertake to bring our timber. A boatman of the name of Swaine will offer terms for bringing it."*
- 14.** Letter. James Lodge (Soho) to Samuel Hurt (Soho Foundry). 22 Sep. 1801.  
*Samuel Hurt added a note and passed this to M. R. Boulton. Docketed "Obstacles in getting his timber at Bromley Wharf loaded."*
- 15.** Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 17 Oct. 1801.  
*Docketed "Has examined account of timber sent by R. Southern & Co. and finds it correct."*
- 16.** Letter. James Lodge (Soho) to Samuel Hurt (Soho Foundry). 19 Oct. 1801.  
*Docketed "Mr. Lodge to Mr. Hurt. Upon Gregory's charges."*
- 17.** Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). "Monday Morning" [19 Oct. 1801].  
*Docketed "Account of Croft's elopement."*
- 18.** Letter. Samuel Hurt (Soho Foundry) to Boulton & Watt Jrs. (Soho). 31 Oct. 1801.  
*Not dated – date taken from the docket.*  
*Docketed "Queries respecting Hunt & Cliffe's account. N.B. [?] a bill was remitted them viz £39.2.10 the 3<sup>rd</sup> Nov. by R. B. [Robinson Boulton]."*
- 19.** Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 31 Oct. 1801.  
*Docketed "Encloses Dutton's account for water tue irons with comments."*
- 20.** Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (Soho). 9 Nov. 1801.  
*Not dated – date taken from the docket. Docketed "Note of Geddes' wheels. Morgan's boiler sent. Enderby & Co.'s engine will require 3 weeks to complete."*
- 21.** Letter. Samuel Hurt (Soho Foundry) to John Southern [Soho]. 17 Nov. 1801.  
*Docketed "Wanting to know the directions for little engines."*
- 22.** Account. Thomas Smith in account with Boulton & Watt Jrs. For bricks, lime, sand etc. 14 Dec. 1801.  
*Sent by Hurt to M. R. Boulton at Soho.*  
*Docketed "S. Hurt. Statement of T. Smith's account."*
- 23.** Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (The Rookery). "Monday Morning" [14 Dec. 1801].  
*Docketed "Respecting the getting of dry sand."*
- 24.** Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (The Rookery). 23 May 1804.  
*Docketed "Prices of well-sinking."*
- 25.** Letter. Samuel Hurt (Soho Foundry) to M. R. Boulton (Soho). 8 Oct. 1804.  
*Docketed "Quantities of bar and pig iron received during the quarter."*
- 26.** Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (Soho). 28 Mar. 1811.  
*Docketed "Attributes the backward state of the books to the want of proper assistance. Apologises for having embarked in a concern without our knowledge. Offers his services again in the fitting department."*

**27a.** Letter. Samuel Hurt (Soho Foundry) to James Watt Jr. (Handsworth). 12 Sep. 1811.  
*Enclosing (b) below. Docketed "Asks an allowance for overtime and states an account of it. Requests advice about his future employment."*

**b.** Account. Sketch of extra time from July 1795 to 31 December 1806 & time from 30 September 1809 etc. etc.

**Abraham Storey, 1804.**

**28.** Letter. Abraham Storey (Soho Foundry) to James Watt Jr. (The Rookery). 16 Nov. 1804.  
*Docketed "The two Middletons take time to consider of our offer."*

**Simon Vivian, 1800, 1801.**

**29.** Letter. Simon Vivian (Warwick) to James Watt Jr. (Soho). 30 Mar. 1800.  
*Docketed "Delay of Berry's trial."*

**30.** Letter. Simon Vivian (Soho Foundry) to James Watt Jr. (The Rookery). 7 Feb. 1801.  
*Docketed "State of the two horse engines. One with sliding valves nearly ready. One with turning valve for Addenbrooke. A cylinder steam case and piston and rod only of a third ready."*

**31.** Letter. Simon Vivian (Soho Foundry) to James Watt Jr. (The Rookery). 6 Jun. 1801.  
*Docketed "Addenbrooke's boiler not set. Working bad measures of coal at Tividale. Will send a boatload of better soon. Tildesly to fetch some in the mean time."*

**32a.** Letter. Simon Vivian (Soho Foundry) to John Southern (Soho). 9 Nov. 1801.  
*Enclosing (b) below. Docketed "Informing of the breakage of Mr. Lee's eccentric circle."*

**b.** Letter. Bickley & Co. per R. Radnall (Price's Wharf, Wolverhampton) to "Boulton & Watt's Agent" (Soho Foundry). 8 Nov. 1801.

**33.** Letter. Simon Vivian (Soho Foundry) to James Watt Jr. (Soho). 26 Nov. 1801.  
*Docketed "State of Daintry & Co.'s engine."*

**34.** Letter. Simon Vivian (Soho Foundry) to James Watt Jr. (The Rookery). 27 Nov. 1801.  
*Docketed "Daintry & Ryle's boiler already sent."*

**35.** Label.  
*Marked "Letters from Hurt, Vivian & Story. + Miscell. Letters. IIII. This appears to be a Library label describing the entire contents of Bundle III in Box 5 in the old numbering scheme."*

**3/263 Eidingtoun Smeaton Hutton, 1804-1805 (29 items)**

Hutton was an engine erector and engineer based in Manchester until late 1805, when he moved to Scotland. He worked on a wide variety of engines, liaised with Boulton Watt & Co.'s customers and directed junior engine erectors. He also worked on gas lighting installations.

**1.** Letter. E. S. Hutton (Flimby, by Workington) to James Watt Jr. (Soho). 12 Sep. 1804.

**2.** Letter. E. S. Hutton (Edinburgh) to James Watt Jr. (Soho). 25 May 1805.  
*Docketed "Has nearly arranged his private affairs. Requests instructions as to his destination. Favourable account of the Carlisle Twist Co.'s engine. Wishes to have a portable copying machine."*

- 3.** Letter. E. S. Hutton (Flimby) to James Watt Jr. (Soho). 18 Jun. 1805.  
*Docketed "Causes of not writing sooner. Intention of coming by the coach from Carlisle to Manchester. Remittance of £50 on his private account. Repeats desire to have a copying machine."*
- 4.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 23 Jun. 1805.  
*Docketed "Arrival there without receiving our letters. Sets off for Preston immediately. Receipt from the Carlisle Twist Co. Shake in their connecting rod. Gillespie has finished at Stockport."*
- 5.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 26 Jun. 1805. 2 sheets.  
*Docketed "Information respecting the failure of Watson Ainsworth & Co.'s boiler obtained from their men. Alleged insufficiency of the plates by expectations of an abatement. Conditional offer of an order for a new. Remittance promised by Watson Catterall & Co. Charge for a pair of rotative wheels to be explained."*
- 6.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 27 Jun. 1805.  
*Docketed "Hilton & Sales' engine working well. Dixon & Co. know nothing of the application for an estimate. Met with John Haden at Preston. Paid 6/- for a horse for him. Kennedy and Murray's engines."*
- 7.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 1 Jul. 1805.  
*Docketed "Progress at Werneth Colliery and account of their engines. Query respecting Southam's. Coals from Wigan ordered by Mr. Lee. Arrangement of men. Observation on the firm of Catterall & Co."*
- 8.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. [Soho]. 17 Aug. 1805.  
*Docketed "Orders an injection cock, and a small valve for Mr. Bury. Remittance from Mitchel."*
- 9.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 21 Aug. 1805.  
*Docketed "Remittances from sundries. Promise of the balance from Mr. James Ollivant in 3 weeks. Ditto from Mr. Clegg of Oldham in a week. Reason of Milner & Whitaker's procrastination. Expects to receive their debt next week. Mr. Houldsworth's expectation of an allowance. Sundry articles to be deducted on D. Holt's account. Wants instructions what is to be done with those and other articles that lie in the neighbourhood of Manchester. Refers us to Mr. Lawson for particulars of Werneth Colliery engine. Observations upon order for Mr. Berry's injection cock. Wants instructions for the employment of William Wright."*
- 10. Letter.** E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 24 Aug. 1805.  
*Docketed "Messrs. Ratcliffe & Ross anxious to receive drawings for the erection of their apparatus. Proposes William Wright to do it. Robert McMurdo to put up Cheetham's cylinder. Receipt of balance of account from Pownal. Hopes to receive Paulden's executors' account. Enquires when Mr. James Watt and Mr. Murdock may be expected in Manchester. Repairs of Mr. Hume's engine by Gavin McMurdo."*
- 11.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 4 Sep. 1805.  
*Docketed "Remittance from Hayes & Bellhouse. Milner & Whitaker's shuffles. Advises us to write to them. Wright gone to Glasgow without his wife. Wants statement of Hughes' account."*
- 12.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 9 Sep. 1805.  
*Docketed "Sketch of Mr. Leach's premises and order for 14 horse engine. Wants drawings." The sketch is on the same sheet.*
- 13.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 12 Sep. 1805.  
*Docketed "Particulars of returned castings forwarded from Manchester by him. Enquires if travelling expenses should be charged for Wright. Intends to ask payment from Hughes and Milner & Whitaker. Sends sketch of Mr. Lee's mill."*

- 14.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 16 Sep. 1805.  
*Docketed "Confirmation of Mr. Leach's name being correctly quoted by him. Further report of his responsibility. Paulden's executors alledge to have remitted for nearly the whole of their account. Mr. James Ollivant promises to remit at the end of the month. Hopes Mr. Lawson will return to Manchester to allow him leisure to attend the erection of Messrs. Kennedy's engine."*
- 15.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 20 Sep. 1805.  
*Docketed "Objections of Mr. James Lee to the charge of Brunton's time alledging that it had been stated by Mr. Lawson at one half the amount. Promises of particulars of Wright's and Haden's time. Robert McMurdo intended to erect the engine of Mr. J. Smith. Sundry remittances."*
- 16.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 19 Oct. 1805. 2 sheets.  
*Letter continued on 22 Oct. Docketed "Wants instruction for Pool's destination. Leach's engine to be on his premises in Feb. with one 16 horse boiler. Steam pipes to be prepared for a second. No drawings wanted for A. Smith. Remittance of £45 from Hughes on account. Evasions of Ollivant and Shallcross and difficulty of obtaining payment. Desires they may be drawn upon."*
- 17.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 23 Oct. 1805.  
*Docketed "Mr. Hutchinson wants to purchase McConnel & Kennedy's 20 horse engine and requests estimate of sundry materials. Joseph Varley set off for Liverpool. Notes of his time at Macclesfield. J. & G. Pearson's engine finished and will be made neat. Mr. Birley enquires about Mr. Lawson."*
- 18.** Letter. E. S. Hutton (Manchester) to James Watt Jr. [Soho]. 29 Oct. 1805.  
*Docketed "Account of men's time at James Ollivant & Co.'s. Pool's time at A. Smith's. Mr. Leach's boiler to be a 16 horse."*
- 19.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 3 Nov. 1805.  
*Docketed "Orders injection cock for McConnel & Kennedy. Their engine has started and peforms well. Radcliffe & Ross defer the extension of their apparatus for this season. Wish to see Mr. Murdock about new light. Receipt of £2.15 from Paulden's."*
- 20.** Letter. E. S. Hutton (Manchester) to James Watt Jr. (Soho). 3 Nov. 1805.  
*Docketed "Arrival of his brother at Manchester and alarming illness. Returns our letter of credit to Woodward."*
- 21.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 9 Nov. 1805.  
*Docketed "Progress made in the engine house at Ridgway's. Waits instructions for proceeding to Carlisle. Mr. James Kennedy wants one of his boilers. McConnel & Co. have adopted the mode of blowing mentioned in ours and the engine continues to do well. Remits bill of £130 to discharge his brother's debt etc. His brother better and gone on to Flimby. Has not been able to settle with Hughes."*
- 22.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 28 Nov. 1805.  
*Docketed "State of Mr. Barker's engine. The concern to be abandoned in a twelvemonth and no new engine likely to be wanted. Wanlockhead engine to be set to work in 5 or 6 weeks. Appointment with Mr. Hustoun etc."*
- 23.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 7 Dec. 1805.  
*Docketed "Mr. Hustoun's engine house built. Will not want an engine erector for 3 or 4 weeks. The Gourrock Rope Work Co. done. Will start in a few days and William Wright return in 8 or 10 days. Thomson returned from Leadhills and employed at Sruthers & Co. Proposes Price to erect the engine for the Blackburn Spinning Co. State of H. Houldsworth & Co.'s mill. Encloses Hugh Thomson's indenture executed by his father. Mr. Brown likely to want a small engine next summer."*

- 24.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 11 Dec. 1805.  
*Docketed "Messrs. Sruthers & Co.'s engine much out of order and want an estimate of sundry alterations. Receipt of £20 from them. Arrangement made with the Blackburn Co. respecting Thomson. H. Houldsworth & Co. will not want a man before March. Hussey's engine in tolerable condition."*
- 25.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 15 Dec. 1805.  
*Docketed "Alleges reasons for his not writing more frequently. Intention of setting out for the North immediately etc."*
- 26.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 15 Dec. 1805.  
*Docketed "Geddes & Co. have erected their boiler and apparatus – the former leaky. John Grieve has received advice of his materials being shipped at Hull. Situation of his saw mill engine. Directions for lighting apparatus. Message to Mr. Dunlop. Conversation with the Reverend Mr. Thomson and with John Thomson respecting his promised reform."*
- 27.** Letter. E. S. Hutton (Dundee) to Boulton Watt & Co. (Soho). 20 Dec. 1805.  
*Docketed "Further particulars of Mr. Patrick Hutton's situation. He wishes an engine of the newest sort. Account of Mr. Balfour's premises and views. Particulars of work done by Mr. Wilkie's engine. Tolerable performance of Colonel Mylne's engine. Will direct Haden to put up the governor and remedy the air leaks of Wilkie's engine."*
- 28.** Letter. E. S. Hutton (Perth) to Boulton Watt & Co. (Soho). 26 Dec. 1805.  
*Docketed "Order for 14 horse engine from Mr. Samuel Renny. James Dear & Co. defer their order. Hadden & Sons' house will be finished in 3 weeks. Intended distribution of engine men. Fobres Lowe & Co.'s engine performs well. They refer to an order for boiler plates, which they countermanded. Report of the state of Brown Chalmers & Co.'s engine and the causes of the failure of the boiler. Has put the new eccentrics on the Perth Foundry engine which performs well. Mr. Miller's engine duty. Receipt of £10 from him and promise of the remainder."*
- 29.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 30 Dec. 1805.  
*Docketed "Estimate to be sent to Mr. John Whittel of Dundee. Thickness of partition wall at Mr. Patrick Hutton's. Boiler may stand as in our sketch."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 216**

**3/264 Eidingtoun Smeaton Hutton, 1806 (47 items)**

1. Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 2 Jan. 1806.  
*Docketed "John Haden's conduct at Mr. Young's satisfactory. The engine well put together. Gratuity given him. His further destination. Mr. Young wants a new fly shaft and wishes us to take back the old one. Remittances from sundries."*
2. Letter. E. S. Hutton (Kennet Pans) to Boulton Watt & Co. (Soho). 10 Jan. 1806.  
*Docketed "Mr. Stein's order for 20 horse engine, with particulars."*
3. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 14 Jan. 1806.  
*Docketed "Thomson's progress at the Blackburn Co.'s engine. Causes of his slow proceedings. Observations on the incompleteness of the drawings. Hadden & Sons not ready for an engine erector. Destination of Haden – will be assisted by Gemmel in putting up the reversing gear of Houstoun's engine. Intention of visiting Gibbs of Paisley. Correction of his information relative to Stein."*
4. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 20 Jan. 1806.  
*Docketed "Mr. Gibbs' project for the establishment of water works at Glasgow. Is to inspect the locality and will give us further particulars. Mr. Houstoun wants an engine erector immediately. Remittances promised from sundries."*
5. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 21 Jan. 1806.  
*Docketed "Remittance from Messrs. Struthers & Co. and statement of their account."*
6. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 23 Jan. 1806.  
*Docketed "Enclosing statement of his account and remarks thereon. Remittance of £100 from Houldsworth & Hussey. Expected orders from Mr. Donaldson and Mr. Dunn. The schedule sent to Mr. Stein right. Wants copies of schedules etc."*
7. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 31 Jan. 1806.  
*Docketed "Indifferent state of the engine of the Gourock Co. Statement of their account. Promise a bill in a week. John Haden sent to Mr. Houstoun's. Boiler of the Blackburn engine not yet arrived. Remarks upon Mr. Gibbs' intended water works at Glasgow. Proposes going to Inveresk etc."*
8. Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 11 Feb. 1806.  
*Docketed "Statement of Mr. Young's account. Progress and good conduct of Thomson at Blackburn. Sir John Hope's winding engine started and performs well. Grieve objects to the planes and proposes making those for the 2<sup>nd</sup> engine of wood. One of Trevithick's engines has burst and they are getting out of repute. Grieve to send us particulars for his lighting apparatus. Estimates of lighting apparatus wanted. Has given estimates of 4 and 6 horse engines to Mr. Donaldson. To direct to him at Davidson's Lodgings, Ingram St., Glasgow."*
9. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 16 Feb. 1806.  
*Docketed "Interview with Mr. Buchanan of the Catrine Co. Particulars of an engine wanted by a friend of his. Receipt of the balance of their account."*
10. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 19 Feb. 1806.  
*Docketed "Enclosing Thomson's account with comments upon sundry charges."*

- 11.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 26 Feb. 1806.  
*Docketed "Further particulars of Mr. Snodgrass."*
- 12.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Mar. 1806.  
*Docketed "Upon the occasion of his intended motions. The engine at Blackburn finished by Thomson. Will take him to finish what remains to be done at Mr. Houstoun's engine. Gemmel could not be spared from Mr. Grieve. Haden thinks he can put up the disengaging apparatus and will proceed immediately to Aberdeen. Himself going to Inverness and Edinburgh. Account of his receipts from Mr. Millar and of his drafts upon Mr. Pearson."*
- 13.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 15 Mar. 1806.  
*Docketed "Sir John Hope's shaft and steam pipes are right as cast. Orders wheels and shafts etc. for him. No drawings of the engine wanted. Mr. Grieve wishes to have a gazometer with his lighting apparatus. Another hand likely to be wanted in Scotland. Two or more engines likely to be wanted for the Glasgow Water Works. James Finlay & Co. order a lighting apparatus. Mr. Dunlop not to be forgotten. Thomson has finished the Balckburn Co. engine to satisfaction. Mr. Houstoun's not yet done."*
- 14.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 28 Mar 1806.  
*Docketed "Has taken plans of Mr. Finlay's mills for a lighting apparatus. Mr. Boswell declines ordering an engine. Favourable report of his character. Has not mentioned to Mr. Grieve our opinion of the ineligibility of the lighting apparatus in his saw mill. Thinks his absence from Scotland for any long time would be injurious to the business. Enquires about forwarding Patrick Hutton and E. Dunn's engines. Explanation of Thomson's account of time."*
- 15.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 5 Apr. 1806.  
*Docketed "Will leave Mr. Houstoun's account to be presented by Mr. Lawson. Progress made by Mr. Dunn. Proposes Thomson to erect his engine. Expectation of orders from Mr. Fleming and Mr. W. Houstoun. Houldsworth & Hussey defer payment until June. Receipt from Sword & Co. Ditto from Kamp on account of J. Watt & Co. Intention of setting out for Carlisle on Friday."*
- 16.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 7 Apr. 1806.  
*Docketed "Cannot find a man to undertake Patrick Hutton's erection, who must have one sent from hence. Wishes Thomson to be recalled. John Haden went to Aberdeen on the 16<sup>th</sup> ult<sup>o</sup>. Mr. Houstoun's engine to be finished in 5 or 6 days. We are to give Thomson directions as to his further destination."*
- 17.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 14 Apr. 1806.  
*Docketed "Remits Mr. Kelly's promissory note for £446.4. Letter from John Haden respecting the progress he has made at Hadden & Sons. Hadden & Sons have altered the position of the chimney. Their wrought iron work wants polishing."*
- 18.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 25 Apr. 1806.  
*Docketed "Encloses bill for balance of Appleton & Ogden. Has settled several small accounts – but no large ones. Mold Twist Co. request a more particular account of their shafts. Schofield & Nield never received the box of cement – order one. G. Cheetham orders 20 horse engine. Mr. Hutton at Mellor yesterday taking plans of Mr. Oldknow's mills. Propose coming to Derby on Sunday."*
- 19a.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 14 Jun. 1806.  
*Kept with (b) below. Docketed "Remittance from Mold Twist Co. who decline paying interest. Ditto from McConnel & Kennedy. Ditto from A. & G. Murray. A. & G. Murray want price of a safety pipe. Expected settlement with Mr. Clegg and Mr. Leach. Letter from Mr. Stein. Answered to Henry Creighton."*
- b.** Note of the cost of a safety pipe for A. & G. Murray.

- 20.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 18 Jun. 1806.  
*Docketed "Settlement of account with Mr. Leach and remittance of £841.8 from him. Remittance of £155.10 from W. Clegg and remarks on his conduct. Settlement of sundry small accounts and remittances of £14.14. Mr. Thomas Houldsworth to return his clack seat, paying expenses. Mr. Read alleges a promise of Mr. Lawson to take back his sun wheel. Favourable report of Mr. S. Bridge. Intends going to Mr. Ridgway, and returning to Manchester etc."*
- 21.** Letter. E. S. Hutton (Manchester) to Boulton Watt & Co. (Soho). 22 Jun. 1806.  
*Docketed "Remits £400 from A. Smith. Also £15.17 in payment of T. Houldsworth's account etc. Vickers & Tedstill have paid their account to Henry Creighton. Dixon & Co.'s engine better for the attention – they are short of injection water. Ridgway's engine neatly done and they are well pleased with it. Radcliffe & Ross promise to remit by the 20<sup>th</sup> July. Account with Paulden's executors must stand over."*
- 22.** Letter. E. S. Hutton (Flimby) to Boulton Watt & Co. (Soho). 27 Jun. 1806.  
*Docketed "Remittance of £500 from Rothwell & Co. Good performance of their engine. State of the Carlisle Twist Co.'s engine; supposed cause of the accident. Messrs. Watson & Co. promise to give Henry Creighton a bill for their account. Intention of proceeding by Sanquhar and Leadhills to Glasgow."*
- 23.** Letter. E. S. Hutton (Carlisle) to Boulton Watt & Co. (Soho). 30 Jun. 1806.  
*Docketed "Statement of the account delivered to Messrs. Rothwell & Co. Defect in the cross bar of their engine. Account of the shabbiness of Watson Ainsworth & Co."*
- 24.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 5 Jul. 1806.  
*Docketed "Receipt of our sundry letters and appointment to call on Mr. Mutrie in the course of a week. Letter from William Murdock Jr. mentioning his visit to his friends. Has not left any account of his time at Perth and Dundee. Intends him to repair Mr. Dunn's engine. Thomson unwell. Receipt of £109 from Houldsworth & Hussey. Sketch and description of the cracks in Mr. Dunn's cistern. Mr. H. Houldsworth wishes a man to put up his engine. Proposes for Varley to do it when he has finished at Mr. Wilson's."*
- 25.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Jul. 1806.  
*Docketed "Remittance on account of Houldsworth & Hussey."*
- 26.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 10 Jul. 1806.  
*Docketed "Account delivered by him to Houldsworth & Hussey. Mode adopted by Mr. Dunn in repairing his crack. Mr. Mutrie satisfied with the information given him respecting the Glasgow Water Works. Offer a gig and horse – wants our opinion as to the purchase of it. Little hope of Thomson's recovery."*
- 27.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 12 Jul. 1806.  
*Docketed "Order for a 14 horse by Messrs. Finlay & Co. Estimate and schedule to be sent them. Wishes to know the time in which we can generally engage to execute engines. Account of Mr. McKenzie and his estates. William Murdock Jr. returned and employed at Dunn's. Will proceed from hence to Houstoun's engine. Mr. Finlay anxious to have a lighting apparatus for the Catrine Mills. Will stay in Glasgow a week longer and then goes to Kennet Pans."*
- 28.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 20 Jul. 1806.  
*Docketed "Report of McKenzie's plans and his character. Declines ordering an engine at present. Thomson dangerously ill. Arrangements with him. Thomson begs not to have his furniture sold off. William Murdock Jr. nearly finished at Mr. Dunn's. Cross bar of piston in his engine failed. Thinks Mr. Dunn will not easily be brought to a settlement of his account. Mr. Houstoun's engine going well. Relinquishes the intention of purchasing a gig and horses."*

**29.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 26 Jul. 1806. 2 sheets. Docketed *"Has requested S. Renny to spare John Haden for the examination of Patrick Hutton's engine. Dunn's engine completed by William Murdock Jr. to his satisfaction. Murdock now engaged at Mr. Houstoun's and destined to go to Mr. G. Dunlop upon the completion of his present job. Mr. Millar desirous of having his brasses with expedition. To be forwarded per coach. Haden to do the repairs of Mr. Millar's engine and then to erect H. Houldsworth & Co.'s. Gilbert Hamilton confirms the favourable report of Mr. McKenzie's character. Gourock Rope Co. decline ordering a lighting apparatus. Suppose an error in our conjecture as to the cost. Mr. Finlay expects to have his apparatus this season. Has not been successful in obtaining remittances. Statement of Mr. Dunn's account. Sentiments as to the settlement with him. Thinks more favourably of his character from information he has received of him. Enquires whether Thomson is entitled to any allowance from the Sick Club after he leaves us. Will be in Edinburgh by the middle of next week. Wants the account of Mr. Young's second rotative shaft."*

**30.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 27 Jul. 1806.  
*On the same sheet:*

Account. John Thomson in account with Boulton Watt & Co. 4 Jul. 1806.  
Docketed *"Statement of Thomson's account. Wants information respecting circular saws. Probability of several engines being wanted for that purpose. Reference to the sketches of James Finlay & Co.'s mill which are enclosed."*

**31.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 2 Aug. 1806.  
Docketed *"Little progress made in the erection of the engine at Kennet Pans. Proposes sending Gemmel home. Settlement of Grieve's account deferred till Oct. Some account of the performance and advantages of the saw mill engine. William Murdock Jr. to begin on Dunlop's 4 horse engine."*

**32.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 6 Aug. 1806.  
Docketed *"Further account of the performance of Mr. Grieve's saw mill. Arrangements for the erection of Mr. Taylor's and Messrs. G. Dunlop & Co.'s engines by Gemmel and William Murdock Jr. Reference to his report of Mr. Dunn's expected abatement. Explanation of the receipts from Mr. Grieve on Sir John Hope's account."*

**33.** Letter. E. S. Hutton (Dundee) to Boulton Watt & Co. (Soho). 15 Aug. 1806.  
Docketed *"Remits bill of £200 from Renny. John Haden has not quite completed Hadden & Son's engine. His trunk with the Aberdeen accounts taken by another traveller. Hadden & Co. offer to receive and remit the accounts due at Aberdeen. Orders an injection cock for S. Renny to inject into condenser. His mill at Edinburgh nearly built. Patrick Hutton will remit at the end of the month. The stuffing boxes of his engine in want of packing. Colonel Milne's account left at his agent's. Receipt of £4 from Wilkie. Will call on Mr. Haig at Edinburgh. Thinks a 10 horse engine would be best suited for Tandy & Co. Their old boiler and part of its apparatus might serve again. Enquires as to time. Anderson & Son and Mr. Balfour decline giving orders. Enquiry about the amount due to Thomson from the Sick Club and how to be passed."*

**34.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 21 Aug. 1806.  
Docketed *"Receipts from Robert Jamieson, Mr. Young and Patrick Hutton. Cause of the accident at Mr. Patrick Hutton's engine. John Haden to repair Mr. Millar's engine. Proposes for Varley to do the repairs at Mr. Haig's. Particulars of work done by Mr. Grieve's saw mill. Wants Brunel's address."*

**35.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 27 Aug. 1806.  
Docketed *"Indisposed. Finlay's drawings examined – thinks they will be followed without alteration. Explanation of Wilkie's account. Gemmel gone to Mr. Taylor's."*

**36.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 2 Sep. 1806.  
Docketed *"Statement of sundry accounts of men's time etc. James Finlay & Co.'s engine to be proceeded with according to the drawings. Enquires about addition to the estimate. His former information respecting Mr. Grieve's saw mill not to be relied upon."*

- 37.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 14 Sep. 1806.  
*Docketed "Copies of sundry accounts delivered in and explanations of charges for men's time. Employment and destination of the engine erectors in Scotland. Settlement with Mr. Dunn. Enquiries respecting the account of Messrs. Wilson & Sons and charge for Gemmel's time."*
- 38.** Transcripts. Transcripts of two letters on the same sheet, as follows:  
Letter. George Tower & Co. (Aberdeen) to E. S. Hutton [Glasgow]. 7 Oct. 1806.  
Letter. E. S. Hutton [Edinburgh] to George Tower & Co. [Aberdeen]. 17 Oct. 1806.  
*Sent to Boulton Watt & Co., Soho by Hutton on 17 Oct. Docketed "Correspondence with Messrs. George Tower & Co. Aberdeen respecting an engine for a saw mill."*
- 39.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 1 Nov. 1806.  
*Docketed "Performance of Mr. Stein's engine and imperfections remedied. Two new bonnets ordered for nozzles. Poole will be discharged in a week. His conduct satisfactory. Mr. Stein will want estimate of a 24 horse boiler and apparatus."*
- 40.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 6 Nov. 1806.  
*Docketed "Mr. Lawson has not received our letters acknowledging receipt of his. Mr. Lawson gone to Wilsontown etc. Directions given to Poole. Mr. Glass undetermined about the saw mill engine. Awkward state of his affairs. Haden to erect H. Houldsworth's engine when he has finished at Mr. Renny's. William Murdock Jr. doing some repairs at the Perth Foundry engine. Is to finish Mr. Houstoun's and erect James Finlay & Co.'s."*
- 41.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 26 Nov. 1806. 2 sheets.  
*Docketed "Has directed John Haden to do some repairs at Mr. Wilkie's. Orders cement and pomatum for Mr. Wilkie. Thinks favourably of Mr. Patrick Hutton. Mr. Lawson has received payment from Mr. Gibbs. Statement of account sent to Mr. Stein. Repairs of Messrs. Stirling's engine by John Poole and charge to them for his time. G. Dunlop & Co.'s engine ill managed. Charge to them for William Murdock Jr.'s time. Repairs to be done at Glasgow by William Murdock Jr. Statement of Varley's time at Wilsontown. Ditto of Gemmel's time at Mr. Grieve's and Sir John Hope's. No account received lately from Gemmel and does not know what detains him at Mr. Taylor's. Receipt of £2.19 from McBrair & Co. on J. Watt & Co.'s account."*
- 42.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 3 Dec. 1806.  
*Docketed "Gemmel returned from Mr. A. Taylor's unwell and goes to his father's. Statement of his time and receipts at Mr. Taylor's. Wants the charge for interest to Messrs. Hadden's. Intends proceeding by way of Perth to Edinburgh. Expects an order for a 4 horse boiler and apparatus from Mr. Gibbs."*
- 43.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Dec. 1806. 2 sheets.  
*Docketed "Reference to Mr. Gibbs' order for a boiler and apparatus. Going to Perth etc. Sundry statements of account which he expects to get settled. Particulars of William Murdock Jr.'s time. Complaint from Mr. A. Taylor that the engine will not go its proper speed. Machinery thought by Mr. Hutton to be in fault. Directions for addressing at sundry places on his route. Corroboration of Monteith's failure."*
- 44.** Letter. E. S. Hutton (Aberdeen) to Boulton Watt & Co. (Soho). 15 Dec. 1806.  
*Docketed "Remittance from Mr. Renny. Apparatus to be sent with Hadden & Sons' boiler."*
- 45.** Letter. E. S. Hutton (Aberdeen) to Boulton Watt & Co. (Soho). 16 Dec. 1806. 2 sheets.  
*Docketed "Report of the state of the engines at Perth. Copies of accounts delivered in there. Prospect of orders from thence. Remittance from Mr. Patrick Hutton of Dundee. Observations upon the nature of his bill. Account of the state of the engines at Dundee and prospect of orders from thence. Renny & Co.'s engine at Arbroath complete – well finished. Contemplated order from Messrs. Tower & Co. of Aberdeen. Offers from other engineers. Hadden & Sons' engine doing well. Reference to their order for duplicate boiler. Information of his further progress."*

**46.** Letter. E. S. Hutton (Dundee) to Boulton Watt & Co. (Soho). 18 Dec. 1806.  
*Docketed "Montrose Foundry Co. undecided as to the power of their engine. Intend adding a saw mill to their present works. The works of Messrs. Tandy & Co. to be sold – their intention of ordering a new engine suspended. Patrick Hutton's promise of taking up his note by a bill on London."*

**47.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 28 Dec. 1806.  
*Docketed "Payment of 14/- to Mr. Geddes. Receipt from Sir John Hope. Mr. Stein of Cannon Mills undetermined about having an engine. Complaint of the performance of Mr. Andrew Taylor's engine and of Gemmel's conduct. Has written to Hadden & Sons about their new steam pipe."*

**3/265 Eidingtoun Smeaton Hutton, 1807 (39 items)**

**1.** Letter. E. S. Hutton (Glasgow) to John Southern (Soho). 7 Jan. 1807.

*On the same sheet:*

Rough sketch. Engine house for Mr. Girdwood's intended saw mill.

*Docketed "Plan of engine house for Messrs. Girdwood & Co. Wants estimate of two 32 horse boilers instead of three 16 horse ditto."*

**2.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 11 Jan. 1807.

*Docketed "With statement of his account. Omitted to notice our receipt of Mr. Grieve's remittance to him. Alexander Hadden & Sons will prepare steam pipes themselves. Favourable report of the Montrose Foundry Company. Has not procured certificate from John Thomson of his illness etc. James Finlay & Co.'s materials arrived in the Clyde. Enquires about plated goods ordered by Mr. Lawson."*

**3.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 26 Feb. 1807.

*Docketed "Stirling & Sons – only one boiler. Want a jack head cold water pump. Gibbs' boiler arrived – delays on the road of engine goods. Arrangement of men proposed. Work done by Mr. Young's engine."*

**4.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 9 Mar. 1807.

*Docketed "Size etc. of Stirling's col water pump. Haden's report upon Mr. A. Taylor's engine. The inequalities of motion in Mr. Renny's engine not removed by Mr. Lawson's alterations. Intend putting a fly wheel on the shaft. Enquires about making sketches for new light. Finlay & Co.'s fly wheel not arrived."*

**5.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 25 Mar. 1807.

*Docketed "Remarks upon the shipment of Finlay & Co.'s fly wheel. Wishes our opinion upon William Murdock Jr.'s clutch. Mr. Girdwood will himself prepare the machinery for his saw mill. Stirling & Co.'s cold water pump to be executed, as before ordered. Has not heard from Haden. Enquires time of executing light apparatus."*

**6.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 4 Apr. 1807.

*Docketed "John Haden arrived from Arbroath. The application of the additional fly to the plashing mill has proved effectual. Mr. Louson of Arbroath likely to want a 6 horse engine. Will forward drawings taken by Haden. Value of the Scotch boll."*

**7.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 15 Apr. 1807.

*Docketed "Has been unwell. Is applied to by Mr. Primrose about a 12 horse engine. Mr. Girdwood's materials not yet arrived."*

8. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 3 May 1807. 2 sheets.  
*Docketed "Has not obtained any particular information respecting the responsibility of Mr. Louson, or Gargill & Balfour. Mr. Stein's opinion of Mr. Primrose. John Brunton arrived and employed at Monack's. Defects of piston and rod. Arrival of Gridwood's materials. Part of casing missing. Progress made in engine house. Stirling & Co.'s not arrived. House for Glasgow Water Works not begun. Have a place for lodging materials. Finlay & Co.'s fly wheel broken. Cylinder lid for Omoa arrived. Haden has finished at Gibbs' and is now at H. Houldsworth's. Charge for his time at Mr. Renny's and at A. Taylor's. Has ordered Gemmel to proceed to Soho. Payment of Sick Club money to Thomson. Wants sundry accounts. Value of Scotch bolts at sundry places. Order to J. Watt & Co. from Finlay & Co."*
9. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 20 May 1807.  
*Docketed "H. Houldsworth & Co. order an injection cock in lieu of the sliding one sent. Receipt of accounts. William Murdock Jr. not finished at Finlay & Co.'s."*
10. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 7 Jun. 1807.  
*Docketed "Finlay & Co.'s engine set to work and performs well. Favourable report of Mr. William Murdock Jr. Has directed him to go immediately to Stirling & Co.'s. Receipt from Tenant Knox & Co. Says that Patrick Hutton's engine is kept in very bad order. Proposes setting out for Arbroath etc. on Thursday. Dimensions of Monack's piston rod."*
11. Letter. E. S. Hutton (Aberdeen) to Boulton Watt & Co. (Soho). 19 Jun. 1807.  
*Docketed "Mr. Louson orders a 6 horse engine. Corrected statement of the present and intended performance of Mr. Patrick Hutton's engine. Receipts from Hadden & Sons, Forbes & Co., S. Renny and Wilkie. Mr. Robert Miller pleads poverty. Forbes Lowe & Co. and Baxter Miller & Co. have given their orders elsewhere. Cargill & Balfour have not yet determined. G. Taylor will require 3 weeks to finish at Cairnie."*
12. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 30 Jun. 1807.  
*Docketed "Particulars of estimates wanted by Mr. R. Gillespie. Progress making in H. Houldsworth's engine, who complains of want of neatness in the materials. Progress at Girdwood's and at the Glasgow Water Works. Wants instructions about G. Taylor's destination. W. Clark wants estimate of a 14 horse engine. Receipts from Wilkie and Corporation of Bakers."*
13. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 12 Jul. 1807.  
*Docketed "Approves and has forwarded Louson's drawings. Mr. Gillespie's plans not likely to interfere with the views of the Glasgow Water Works Co. Glasgow Water Works' engine house ready for a man, and he has written for George Taylor. Murdock Jr. has nearly finished Stirling's engine."*
14. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 18 Jul. 1807.  
*Docketed "Mr. Robertson's character is good, in the opinion of Mr. Houldsworth. Finlay & Co. promise payment in a week."*
15. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 22 Jul. 1807.  
*Docketed "Remits £796.2 from Finlay & Co."*
16. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 23 Jul. 1807.  
*Docketed "Sundry accounts viz. Finlay & Co. and John Haden. Further particulars of the responsibility of Mr. Robertson. Expects William Murdock Jr. and John Brunton to be at liberty soon."*
17. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 25 Jul. 1807.  
*Docketed "Bakers' Co. have broke their connecting rod – a new one ordered. Mr. Gibbs will pay on Monday. William Murdock Jr. to repair the engines belonging to Mr. Clark and the St. Mirren's Co."*
18. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 28 Jul. 1807.  
*Docketed "Mr. Robertson's drawings not arrived."*

19. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. [Soho]. 30 Jul. 1807.  
*Docketed "Has received Robertson's drawings."*
20. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 5 Aug. 1807. 2 sheets.  
*Docketed "Remits £60 from Mr. Gibbs. Statement of account with ditto. G. Taylor not yet arrived. Anderston water works go on. Mr. Cathcart Dempster has purchased Mr. Miller's engine and wants a man to erect it. Proposes sending John Brunton. Articles sent for Stirling's cold water pump and duplicates sent to Glasgow Water Works to be used for Mr. Robertson's engine. Gourock Company enquire the state of their boiler. Enquiry about long suction pipes etc. The Anderston Water Works Co. are proceeding with their plan."*
21. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 21 Aug. 1807.  
*Docketed "Taylor at the Glasgow Water Works. Anderston Water Works Company have agreed for part of the power of Houldsworth's engine. Complaints of the fitting of Girdwood & Co.'s engine. Has given his address to Walker Fergus & Co. Employment of William Murdock Jr. Bakers' Co. connecting rod not arrived. Deficiency of cement at Girdwood's supplied from Glasgow Water Works. Renewed application from the High Church at Edinburgh. Size of hatchways of the Greenock traders."*
22. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 2 Sep. 1807.  
*Docketed "Statement of sundry accounts with men's time. Repairs done by G. Taylor at the Leadhills, and favourable report of G. Meason's engine. Walter Fergus & Co. to put up their boiler themselves. Bakers' engine gone to work again and performs well. Further complaints of the fitting of Girdwood & Co.'s engine. Small progress made in their millwork. John Brunton to proceed to Mr. C. Dempster's on Friday. Anderston Water Works will take their power from H. Houldsworth & Co.'s engine. Order for air pump bucket and rod for Underwood & Co."*
23. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 12 Sep. 1807.  
*Docketed "Fruitless excursion to Edinburgh about heating the High Church. , Dr. Hope not being there. Receipts from G. Meason & Co. and Geddes & Co.; also from James Finlay & Co. on account of J. Watt & Co. Favourable report of the Great Cairnie engine. Examination of Wilson & Son's cylinder and statement of its defects. Glasgow Water Works account to be delivered to Mr. Denny."*
24. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 14 Sep. 1807.  
*Docketed "Enclosing a letter from Wilson & Sons."*
25. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 28 Sep. 1807.  
*Docketed "William Brunton to inspect the Wilsontown cylinder on Thursday. Mr. Houstoun orders new spur wheels for altering the speed of his winding machinery. Also sundry other materials for the 6 horse engine. Mr. Robertson to have the usual quantity of cement sent. Disposal of the extra quantity of cement sent to Glasgow Water Works. William Murdock Jr. detained at Stirling's for want of pipes."*
26. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Oct. 1807.  
*Docketed "Glasgow Water Works account delivered. William Brunton upon his return. Haden to finish at Houldsworth & Co.'s in 3 to 4 weeks. William Murdock Jr. has finished at Stirling & Sons. Is to go to Mr. Houstoun and thence to Gourock Co. Haden to erect Mr. Robertson's engine. John Brunton to erect Mr. Louson's. Proposal made by Girdwood & Co. for the liquidation of their account. Enquiry about new light for Finlay & Co."*
27. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 18 Oct. 1807.  
*Docketed "Mr. Houstoun determines upon having only one new spur wheel. Particulars of work to be done by his winding engine. Expects soon to see Mr. Watt and Mr. Telford about the foundations of the Glasgow Water Works engines."*

- 28.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 28 Oct. 1807.  
*Docketed "Remits £3000 from the Glasgow Water Works, who request time for the payment of the remainder."*
- 29.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 29 Oct. 1807.  
*Docketed "The committee of the Glasgow Water Works have determined to remove the engine house. Statement of the progress made in it. Mr. Watt to communicate his sentiments about the tunnel. Encloses statement of William Murdock Jr.'s time and statement of sundry accounts of men's time etc. delivered. Remits bill for £38. H. Houldsworth enquires our charge for a 20 horse boiler and apparatus. Letter from his brother and account of his advancement."*
- 30.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 4 Nov. 1807.  
*Docketed "Favourable report of Girdwood & Co. Remits £914 from Messrs. Stirling & Co. Enquires whether Haden or Mr. Murdock Jr. is to go to Ireland."*
- 31.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Nov. 1807.  
*Docketed "Has settled with Mr. Berry to receive a bill on London at 2 months for the amount of Girdwood & Co.'s engine with 1 month's interest."*
- 32.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 11 Nov. 1807. 2 sheets.  
*Docketed "Upon Messrs. Girdwood & Co.'s remittances. Account of John Haden and G. Taylor's time. Proposes for William Murdock Jr. to go to Dublin rather than Haden. Robertson's engine arrived and Haden to erect it. John Brunton will finish Mr. Dempster's engine house by the 20th inst. and is then to go to Mr. Louson's. Expects another £1000 from the Glasgow Water Works. Mr. Telford expected from Saltcoats on Friday. Enquires about the power of mills for rasping dyewoods. Mr. Houstoun's goods wanted. Further account of his brother."*
- 33.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 15 Nov. 1807.  
*Docketed "Corrected data respecting the height of the suction pipe etc. of the Glasgow Water Works. Scheme for working the pumps suggested by Mr. Watt. Proposed method of securing the foundations of the new engine house."*
- 34.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 19 Nov. 1807.  
*Docketed "Will remit for the Glasgow Water Works next Tuesday. Monack's account is settled. Gibbs' enquiry was for a boiler for a common engine. Wants estimate of a 20 horse boiler for H. Houldsworth."*
- 35.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 24 Nov. 1807.  
*Docketed "Glasgow Water Works remit balance."*
- 36.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 10 Dec. 1807.  
*Docketed "Confirms his former data respecting the pumps for the Glasgow Water Works and progress making there. Receipt from W. Clark and Corporation of Bakers. Expects Murdock Jr. will have finished in a few days and will be ready to proceed according to our orders. Mr. James Louson promises a remittance. Messrs. Finlay & Co. wait Mr. Buchanan's opinion upon Mr. Lee's photogenous apparatus. Mr. A. Lawson enquires about ink powders sent some time ago."*
- 37.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 13 Dec. 1807.  
*Docketed "Explanation of the enquiry of the Paisley Bakers. Work done by the Bakers' engine at Glasgow."*
- 38.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 20 Dec. 1807.  
*Docketed "Haden will not have finished at H. Houldsworth & Co.'s for a fortnight. Will then send him to Soho. William Murdock Jr. to be retained for Robertson's engines as soon as he returns from Gourock."*

**39.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 30 Dec. 1807.  
*Docketed "Has communicated the estimates sent to Mr. Gardiner of Paisley. Explanation of the time occupied by William Murdock Jr. and John Haden at sundry engines. Haden to set out on his return on Tuesday. Has presented him with 10 guineas. Progress made in the tunnel at the Glasgow Water Works and with the house etc. Performance of the Bakers' Co.'s engine. H. Houldsworth & Co.'s engine very nearly completed. William Murdock Jr. employed at Mr. Robertson's."*

**3/266 Eidington Smeaton Hutton, 1808 (22 items)**

**1.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 21 Jan. 1808.  
*Docketed "Mr. Shanks of Berbice wants estimate of a 14 horse engine. Paisley Bakers are determined to proceed with their mill. H. Houldsworth & Co.'s engine gives great satisfaction. Statement of Gourcok Ropework Co.'s account. Progress made in Mr. Robertson's engine house and in that for the Glasgow Water Works etc. John Brunton goes to St. Andrews to start Mr. Dempster's engine. Mr. S. Renny reports favourably of his engine."*

**2.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 6 Feb. 1808. 2 sheets.  
*Docketed "Enclosing his account. Has communicated our estimate to Mr. Shanks, who is engaged in procuring men to go out with his engine and mill. Proposes an excursion to the East Coast and wishes to have an indicator sent him. Description of Mr. Girdwood's mill. Expense of putting boilers together complained of. Account of the foundations of the engine house at the Glasgow Water Works."*

**3.** Letter. E. S. Hutton (Glasgow) to James Watt Jr. (Soho). 7 Feb. 1808.  
*Docketed "Explanatory of the causes which have induced him to overdraw his account £60, and requesting to be allowed to have that sum to remain at his debit with interest."*

**4.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 1 Mar. 1808.  
*Docketed "Receipt of £17.2 for bill remitted by Pollock & Co. Gourcok Ropework Co. promise remittance. Paisley Bakers yet undetermined. Mr. Shanks cannot procure a man to go out with his engine. William Murdock Jr. has nearly completed Robertson's engine and will be at liberty to go elsewhere. Progress made in the Glasgow Water Works. Description of pumping apparatus attached to H. Houldsworth's engine."*

**5.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 21 Mar. 1808.  
*Docketed "Favourable report of Sir John Hope's engine. Payment of the account deferred until his return from Arbroath."*

**6.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 31 Mar. 1808.  
*Docketed "Remittance on account of Sir John Hope. Satisfactory performance of his last engine and probability of another large one being ordered."*

**7.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 1 Apr. 1808.  
*Docketed "Louson's engine at work. Renny's ditto, in good condition. Murray of Leeds – his exorbitant charges. Patrick Hutton's engine working well. Dempster has put up a 6 horse engine bought of Millar of Perth. Fergus & Co. will want a new engine. Has settled Dunlop's and Lord Provost's accounts."*

**8.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 4 Apr. 1808.  
*Docketed "Paisley Corporation of Bakers will want a 32 horse engine instead of 20."*

**9.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 22 Apr. 1808.  
*Docketed "Expects a settlement with Mr. Robertson who wants to claim some allowances. Wants instructions for John Brunton and William Murdock Jr. Progress made at Glasgow Water Works. Wishes to pay a visit to his mother at Flimby."*

- 10.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 5 May 1808.  
*Docketed "Mr. Robertson has given him an order upon Liverpool for a bill. Statement of his account. Remarks upon some deficiencies in the materials. Orders from J. Gibb for slide valve case etc."*
- 11.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 14 May 1808.  
*Docketed "Causes which have delayed the bill from Robertson & Co. John Brunton not yet arrived. Receipt of £9.15 from John & James Wilson. Debt from Mr. Millar of Perth not likely to be paid. Remarks on the correspondence with Sir John Hope."*
- 12.** Letter. E. S. Hutton (Arbroath) to Boulton Watt & Co. (Soho). 31 May 1808.  
*Docketed "Mr. D. Dickson declines erecting his engine for the present. John Brunton set off for Glasgow. Favourable report of Louson's engine."*
- 13.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 4 Jun. 1808.  
*Docketed "Mr. Grieve determines on a cast iron cistern and wishes the bolts to be sent."*
- 14.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 11 Jun. 1808.  
*Docketed "Alterations desired by Mr. Grieve in the materials preparing for Sir John Hope's engine. Estimate of an 8 horse engine for Mr. Scott wanted. Statement of Mr. Dempster's account. Slide valves for Mr. Gibb to be of the new construction. Wishes to have the statement of the Underwood Spinning Co."*
- 15.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 27 Jun. 1808.  
*Docketed "Wants sketches of 8 and 10 horse engines. Mr. Gibb wishes to have his sliding valve of the new construction. Has purchased a horse from H. Houldsworth etc. etc."*
- 16.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Jul. 1808.  
*Docketed "Extract of a letter from John Philp & Co. respecting the power required for grinding barley for distillers. No wheat ground for distillers in Scotland. Douglas Cook & Co. order new rotative wheels etc. etc."*
- 17.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 22 Jul. 1808.  
*Docketed "Receipt of £97 from the Glasgow Water Works. Remits £50. Present of 10 guineas to William Murdock Jr. Stein & Dewar's engine house ready. Remarks on grinding barley. Progress made in the Water Works etc. etc."*
- 18.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 4 Sep. 1808.  
*Docketed "Visit to Alloa and account of Stein & Dewar's progress. Receipt from Mr. Stein and account of his engine and of Mr. Philp. Appointment to call on Mr. E. Mitchell's friend. Paisley Bakers will want an engine erector in about a month."*
- 19.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 10 Sep. 1808.  
*Docketed "His journey to Edinburgh and calls upon different parties there, not successful. William Murdock Jr. employed by Mr. Vallance to make plans for a saw mill. General defect of barometers of the new construction. Knows nothing of the alledged mistake in Mr. Louson's crank. Receipt of £19 from the Underwood Company."*
- 20.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 14 Sep. 1808.  
*On the same sheet:  
Rough sketch plan of Vallance's engine house.  
Docketed "Thinks it probable that the Bakers' plan at Hamilton and Paisley will not be carried into effect. Particulars respecting Mr. Vallance's engine. The proprietors of the Calder engine have it in contemplation to erect a larger engine. Particulars of Brunton's time at Mr. Louson's."*
- 21.** Letter. E. S. Hutton (Glasgow) to James Watt Jr. (—). 5 Nov. 1808.  
*Docketed "Concerning his intended marriage."*

**22.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 3 Dec. 1808.  
*Docketed "Wants our accounts against Paisley Bakers and Stein & Dewar. Vallance & Co. will soon be ready for their engine. Underwood Co.'s engine purchased by a new Co. Stein & Dewar much satisfied with their engine. Proposes writing soon about his own affairs."*

**3/267 Eidingtoun Smeaton Hutton, 1809 (29 items)**

**1.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 3 Jan. 1809.  
*On the same sheet:*  
Sketches. Plans of locations of R. Gillespie & Co.'s lighting apparatus.  
*Docketed "Estimate of a lighting apparatus wanted for Messrs. Gillespie. Sketch of Gillespie's premises and particulars of light required. Statement of account forwarded to Stein & Dewar."*

**2.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 9 Jan. 1809.  
*Docketed "Enclosing his annual account of expenses. Promise of payment from the Paisley Bakers. Little progress made in the erection of their engine. Vallance & Co. ready for their engine. Settlement of M. Robertson's account. Proposed alteration in Mr. Houstoun's account."*

**3.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 7 Feb. 1809.  
*Docketed "Remits £1030 from the Paisley Bakers. Robertson Buchanan enquires about letter from James Watt Jr."*

**4.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 8 Feb. 1809.  
*Docketed "Statement of account with the Paisley Corporation of Bakers. Remarks a difference between our charge and the estimate. R. Gillespie enquires the time of furnishing, and weight of a lighting apparatus. The Underwood New Company want estimate of a 20 horse boiler and apparatus. Explanation of the Glasgow Bakers' refusal to settle with Whitehouse & Co. The sun wheel sent to them in 1806 has a round instead of a square eye."*

**5.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 13 Feb. 1809.  
*Docketed "Appointments to meet Mr. Stein and Mr. Haig."*

**6.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 23 Feb. 1809.  
*Docketed "Remits £840.7.6 from Stein & Dewar. Has settled the particulars of Messrs. Stein Brown & Co.'s and Mr. Haig's engines."*

**7.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 24 Feb. 1809.  
*Docketed "Particulars of Stein & Dewar's account. Sketch of engine house for Stein Brown & Co. [within the text]. Mr. William Haig's to be the same. Account of Stein Brown & Co. to be sent to Mr. Stein, who guarantees the payment of this, and also of their small engine. Is going to Flimby for 10 days."*

**8.** Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 25 Feb. 1809.  
*Docketed "Has stated to Mr. Stein and Mr. Haig that some extra charge may be made for sundry variations. Particulars of Mr. Wilkie's order who wants schedule and estimate. Orders Mr. Gillespie's gas apparatus. Wants a general sketch of a retort and the other parts. David Stead & Co. responsible. R. Buchanan."*

**9a.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 1 Apr. 1809.  
*Enclosing (b) and kept with (c) below.*  
*Docketed "Sketch and other particulars of Mr. Gillespie's light apparatus. Sir John Hope's engines working pretty well. Has received £20 from Mr. Grieve. Sir John about remitting. Mr. Geddes dead. Stead & Son are responsible. Mr. Miller of Craigend will want an engine for a distillery. Vallance's materials are arrived. Underwood Spinning Co. want estimate of a 24 horse boiler. Cranston Water Works Co. look to the wanting engines."*

**b.** Sketches. Plans & sections of apparatus for Gillespie Co. 1 Apr. 1809.

c. Memorandum. Notes on an engine for Underwood & Co.  
*Marked "See letter to Mr. Hutton, 11 Apr. 1809."*

10. Letter. E. S. Hutton (Glasgow) to John Southern (Soho). 12 Apr. 1809.  
*Docketed "Adopts alterations in the situation of gazometer etc. at R. Gillespie & Co.'s."*

11. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 15 Apr. 1809.  
*Docketed "Orders a 14 horse engine for Mr. Miller of Craigend without boiler and apparatus. Enquires about time of executing it."*

12. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 28 Apr. 1809.  
*Docketed "Underwood Co. will not want a boiler at present. Order for them 3 boxes of cement. Mr. Miller will have a sliding valve engine."*

13a. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 5 May 1809.  
*Enclosing (b) below. Docketed "Glasgow Water Works want an estimate. Has received Gillespie's drawings. Is going to Dundee. Girdwood & Co. are going to take a patent for working saws."*

b. Sketch plan. Proposed reservoir etc. of Glasgow Water Works. 5 May 1809.

14. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 18 May 1809.  
*Docketed "Called at Neilson's on his way to Dundee – reverses the situation of the drains. Wilkie not so forward as he expected. Is a wealthy man but shuffles about payments. Sharpe will be ready by the time the materials arrive – who is to put up the engine? Is doubtful William Murdock Jr. will have done at Vallance's in time. Patrick Hutton's engine wants repairing. Stead & Son made alterations. Instructions for their steam pipes and shafts. If any improvements are made, to be added to his engine. Miller undecided whether he will have a 20 horse or a 14 horse."*

15. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 23 May 1809.  
*Docketed "Mr. Miller undetermined. Murdock Jr. greatly forward with Vallance's engine. Desires a person may be sent to Dundee. Apprehends some difficulty in settling with Paisley Bakers. Recommends lander for cold water pump to be sent in all cases. Mr. Dalrymple cannot be brought to pay his balance."*

16. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 31 May 1809.  
*Letter continued on 1 Jun. Docketed "Estimates of 20 and 14 horse engines wanted for Messrs. Dalglish Falconer & Co. Cook has made an engine for Mr. Buchanan. Glasgow Water Works Co. have purchased an old engine. Craunston Hill Co. have come to no determination. Mr. Houldsworth wants some of the essential parts of an engine. The rest he will procure there. He also wants to know the composition of our brass metal."*

17. Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 6 Aug. 1809.  
*Docketed "Orders brasses for Patrick Hutton, air pump false face for Wilkie, cement for St. Mirrens & Gibb. Neilson & Co. want lighting apparatus. Gillespie's ditto is putting up. Vallance's engine finished. Haig's not yet arrived. Monteith & Bogle likely to have a 45 or 50 horse engine."*

18. Letter. E. S. Hutton (Edinburgh) to Boulton Watt & Co. (Soho). 9 Aug. 1809.  
*Letter continued in Glasgow on 10 Aug. Docketed "Progress making in the erection and repairs of Mr. Sharpe's, Mr. Wilkie's and Patrick Hutton's engines. Some accident has happened to one of Mr. Stirling's engines."*

- 19.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 19 Aug. 1809. 3 sheets.  
*Letter continued on 21 Aug. The following sketches are on the same sheets:*  
 Brasses and plan of 2<sup>nd</sup> boiler for Stirling & Son.  
 Section and plan of well and cold water pump for Vallance & Co.  
 Location of second engine for Monteith Bogle & Co.  
*Docketed "Further remarks on D. Dickinson's situation. Orders brasses for Stirling & Son's 20 horse engine. Sketch of situation for a 2<sup>nd</sup> boiler. Vallance & Co.'s well and proposed alteration of cold water pump. Monteith Bogle & Co. order a 53 horse engine with two 32 horse boilers to be delivered here in February. Will have a lighting apparatus. Query about gazometers. H. Houldsworth & Co.'s breakage of their cylinder lid and order for new one and brass bush. Gillespie & Co.'s lighting apparatus nearly ready etc."*
- 20.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 6 Sep. 1809.  
*The address and docket are on a separate wrapper. On the same sheet:*  
 Sketches. Elevation and plan of Gillespie & Co.'s dye house showing gas lights.  
*Docketed "Orders 14 feet of gas pipe for Gillespie – who determines on the extension of his gas lights."*
- 21.** Letter. E.S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 16 Oct. 1809.  
*On the same sheet:*  
 Sketch plan of G. D. Mitchell's proposed engine and boiler houses.  
*Docketed "Sketch of Mr. G. D. Mitchell's proposed engine house."*
- 22.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 27 Oct. 1809.  
*Docketed "Thinks it may not be necessary for us to send any person to Messrs. Gillespie & Co. Has forwarded our drawings to Monteith Bogle & Co., Cargill Balfour & Co. and to Mr. Mitchell. Alteration in the speed of the fly shaft of Monteith Bogle & Co.'s engine. Gillespie & Co. have lined the inside of their gazometer pit with lead."*
- 23.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 11 Nov. 1809. 2 sheets.  
*On the same sheets:*  
 Sketches. Gillespie & Co.'s gazometer; Monteith Bogle & Co.'s engine house.  
*Docketed "Experiments made with Gillespie & Co.'s lighting apparatus. New plan of Monteith Bogle & Co.'s engine house. Account of Mr. Mitchell's responsibility. Cargill Balfour & Co. alter the position of their engine. Mr. Wilkie proposes remitting on 1 Dec. Mr. Sharp has not been heard from. Sir John Hope likely to remit soon. Mr. Mitchell will have circular nozzles. Sword Haywood & Co. order a box of cement."*
- 24.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 12 Dec. 1809.  
*Docketed "Remits £500 from Wilkie who promises to settle the balance with him soon. Statement of William Murdock Jr.'s time. Has forwarded our letter to Cargill Balfour & Co."*
- 25.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 15 Dec. 1809.  
*On the same sheet:*  
 Transcript of letter. Cargill Balfour & Co. (Arbroath) to Boulton Watt & Co. 13 Dec. 1809.  
*Docketed "Mr. Pattison has broken his connecting rod and orders a new one of iron. Has sent for Varley to repair the engine. Cargill Balfour & Co. determine upon a ten horse engine and wish to have the drawings. Has not heard from Mr. Sharpe upon the subject of his account. Expects a settlement with Vallance & Co. and the Paisley Bakers. Gillespie & Co. have finished their gazometer pit."*
- 26.** Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 19 Dec. 1809.  
*Docketed "Remits bill for £102.14 from Wilkie and states his account. Distribution of the engine erectors in Scotland and time required for the completion of their respective jobs. William Murdock Jr. at Stead & Sons. Varley at Mr. Pattison's. Has written to Mr. Dickson to know if he can wait. Orders a copying machine for J. L. Reiss Esq. Enquires distance between the shafts of Monteith's engine."*

27. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 21 Dec. 1809.  
*Docketed "Remits £727.3 from Vallance & Co. and states their account. Performance of Gillespie & Co.'s gas apparatus. Varley has completed the repairs of Mr. Pattison's engine and is returned to Mr. Haig's. Performace of Vallance & Co. and the Bakers' engine at Paisley. Causes which have delayed the settlement of accounts with the latter."*

28. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 29 Dec. 1809.  
*Docketed "Gillespie & Co.'s lighting apparatus now gives satisfaction. The process of distillation is yet too slow. Has directed William Murdock Jr. to go to Mr. Dickson's."*

29. Letter. E. S. Hutton (Glasgow) to Boulton Watt & Co. (Soho). 31 Dec. 1809.  
*Docketed "Further observations upon the performance of Messrs. R. Gillespie & Co.'s lighting apparatus and remarks on their complaints."*

**3/268 James Law, 1781-1792 (15 items)**

Law was an engine erector who worked on various engines around the country.

1. Letter. James Law (Oakhampton) to William Playfair (Soho). 10 Jun. 1781.  
*Docketed "With account of his being impressed."*

2. Letter. James Law [London] to James Watt (Soho). 1 Aug. 1785.

3. Letter. James Law (Chester) to James Watt (Soho). 16 Nov. 1785.

4. Letter. James Law (Chester) to James Watt (Soho). 8 Jan. 1786.

5. Letter. James Law (London) to James Watt (Soho). 20 Apr. 1786.  
*Docketed as being from New River.*

6. Letter. James Law (London) to James Watt (Soho). 5 May 1786.  
*Docketed "N. River."*

7. Letter. James Law (Nottingham) to James Watt (Soho). 29 Jul. 1788.

8. Letter. James Law (Gainsborough) to James Watt (Soho). 11 Jan. 1789.  
*Forwarded to Harper's Hill by John Roberts on 16 Jan. 1789.*

9. Letter. James Law (Hull) to James Watt (Soho). 28 Jan. 1789.  
*Docketed "About Messrs. T. & Baxter's engine."*

10. Letter. James Law (Hull) to James Watt (Soho). 3 Mar. 1789.  
*Docketed "Thompson & Baxter's engine."*

11. Letter. James Law (Nottingham) to John Roberts (Soho). 1 Sep. 1789.  
*Docketed "Sir Richard Arkwright's engine."*

12. Letter. James Law (Spalding) to John Roberts (Soho). 6 Feb. 1791.  
*Docketed "Mr. Morehouse's engine."*

13. Letter. James Law (Nottingham) to William Forman (Soho). 13 Oct. 1791.  
*Docketed "About Parker."*

14. Letter. James Law [Nottingham] to William Forman [Soho]. 10 Jun. 1792.  
*Docketed "Harris' engine."*

15. Partial transcript of letter. James Law [Nottingham] to William Forman [Soho]. 10 Jun. 1792. *Docketed "Concerning Harris' engine."*

Lawson was one of Boulton & Watt's longest-serving and most experienced engine erectors and engineers. For this period he was based almost entirely in Cornwall, with a visit to Scotland in 1786. The letters make it clear that Lawson wrote several other letters that are not in this bundle.

1. Letter. James Lawson (Wheal Virgin) to Matthew Boulton (Soho). 11 Jul. 1781.
2. Letter. James Lawson (White Hart Inn, Bath) to Matthew Boulton (Cusgarne). 13 Oct. 1782.
3. Letter. James Lawson (Cusgarne) to Boulton & Watt (Soho). 28 Apr. 1783.  
*Docketed "Experiments on Lower Poldice."*
4. Letter. James Lawson (Wheal Virgin) to James Watt (Harper's Hill). 5 Mar. 1783.
5. Letter. James Lawson (Pool Engine) to Boulton & Watt (Soho). 5 May 1783.
6. Letter. James Lawson (Cusgarne) to Boulton & Watt (Soho). 16 May 1783.
7. Letter. James Lawson (Cusgarne) to Matthew Boulton (Soho). 21 May 1783.
8. Letter. James Lawson (Cusgarne) to Boulton & Watt (Soho). 26 May 1783.
9. Letter. James Lawson (Cusgarne) to Matthew Boulton (6 Green Lettice Lane). 31 May 1783.
10. Letter. James Lawson (Cusgarne) to James Watt [Harper's Hill?]. 5 Jun. 1783.  
*Docketed "Dolcoath equalizing gin."*
11. Letter. James Lawson (Camborne) to Matthew Boulton (6 Green Lettice Lane). 14 Jun. 1783.
12. Letter. James Lawson (Cusgarne) to Boulton & Watt (Soho). 10 Jul. 1783.
13. Letter. James Lawson (Cusgarne) to James Watt (Harper's Hill). 17 Jul. 1783.  
*Docketed "Order Poldory new engine."*
14. Letter. James Lawson (Cusgarne) to James Watt (Harper's Hill). 7 Aug. 1783.  
*Docketed "Order for Poldory pumps."*
15. Letter. James Lawson (Cusgarne) to James Watt (Harper's Hill). 9 Aug. 1783.
16. Letter. James Lawson (Cusgarne) to James Watt (Harper's Hill). 11 Aug. 1783.
17. Letter. James Lawson (Cusgarne) to James Watt (Harper's Hill). 17 Nov. 1783.  
*Docketed "About Polgooth and Poldice engines."*
18. Letter. James Lawson [Cusgarne] to James Watt [?] [Harper's Hill?]. — Nov. 1783.  
*The top of the letter containing the date and the half of the sheet containing the address have been torn away. The letter is docketed "Mr. Lawson Nov. 1783."*
19. Letter. James Lawson (Dumfries) to James Watt (Harper's Hill). 24 Apr. 1786.  
*Docketed "About Wanlockhead Mine."*
20. Letter. James Lawson (Stobcross, nr. Glasgow) to James Watt (Harper's Hill). 1 May 1786.
21. Letter. James Lawson (Chacewater) to James Watt (Harper's Hill). 26 May 1786.

**22.** Letter. James Lawson (Chacewater) to James Watt (Harper's Hill). 28 May 1786.  
*Docketed "About Buckling."*

**23.** Letter. James Lawson (Chacewater) to James Watt (Harper's Hill). 3 Jun. 1786.

**24.** Letter. James Lawson (Chacewater) to James Watt (Harper's Hill). 17 Jun. 1786.  
2 sheets.

**25.** Letter. James Lawson (Chacewater) to James Watt [?] [Harper's Hill]. 2 Jun. 1787.

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
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Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 217**

**3/270 James Lawson, 1793-1795 (46 items)**

1. Letter. James Lawson (Soho) to Boulton & Watt [London]. 14 Jan. 1793.
2. Letter. James Lawson (Stockport) to Boulton & Watt (Soho). 3 Apr. 1793.
3. Letter. James Lawson (Lancaster) to John Rennie (Stamford St., London). 10 Jul. 1794.  
*Unclear if this letter was ever sent.*
4. Letter. James Lawson (Leeds) to James Watt (Heathfield). 26 Jan. 1795. 2 sheets.  
*Docketed "Experiments with Mr. Lee's engine."*
5. Letter. James Lawson (Salford) to James Watt (Heathfield). 15 Feb. 1795.  
*Docketed "Experiments upon engines etc."*
6. Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 12 Mar. 1795.  
*Docketed "Illingworth. Dumbell. Clegg. Duck & Potts."*
7. Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 16 Mar. 1795.  
*Docketed "Bury's remittance. Hunt's ditto. Illingworth's engine. Clegg. McMurdo."*
8. Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 17 Mar. 1795.  
*Docketed "Assignees of Illingworth. Holland & Bridge. Shaw. Lane. Simpson & Barton."*
9. Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 19 Mar. 1795.  
*On the same sheet:*  
Letter. Peter Ewart (Manchester) to James Watt Jr. (Soho). 19 Mar. 1795.  
*Docketed "Illingworth's assignees. Mort. Greatrix."*
10. Letter. James Lawson (Manchester) to James Watt Jr. [Soho]. 20 Mar. 1795.  
*Docketed "Experiments with Mr. Lee's engines."*
11. Letter. James Lawson (Warrington) to James Watt Jr. (Soho). 21 Mar. 1795.  
*Docketed "Meeting with Dumbell."*
12. Letter. James Lawson (Northwich) to James Watt Jr. (Soho). 23 Mar. 1795.  
*Docketed "Dumbell. Gilbert's engine. Marshall."*
13. **Letter.** James Lawson (Liverpool) to James Watt Jr. (Soho). 26 Mar. 1795.  
*Mis-dated by Lawson as 27 Mar. On the same sheet:*  
Letter. James Lawson (Liverpool) to John Southern (Soho). 26 Mar. 1795.  
*Docketed "Draft from Holloway. Kirkman."*
14. Letter. James Lawson (Liverpool) to James Watt Jr. (Soho). 27 Mar. 1795.  
*On the same sheet:*  
Letter. James Lawson (Liverpool) to John Southern (Soho). 27 Mar. 1795.  
*Docketed "Remittance from Kirkman."*
15. Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 7 Apr. 1795.  
*Docketed "Plate Glass Co. Dumbell. Clegg. Simpson & Barton."*

- 16.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 11 Apr. 1795.  
*Docketed "Simpson & Barton."*
- 17.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 13 Apr. 1795.  
*Docketed "Fawkner's caoutchou varnish. Dumbell and Illingworth."*
- 18.** Letter. James Lawson (Stockport) to James Watt Jr. (Soho). 17 Apr. 1795.  
*Docketed "Gilbert's engine. Varley. Illingworth. Holland & Bridge. Tar injections."*
- 19.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 20 Apr. 1795.  
*Docketed "Illingworth's assignees agree to pay the premium."*
- 20.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 29 Apr. 1795.  
*Docketed "Engines at Leeds. Marshal & Benyons. Illingworth's application. Experiments with steam case at Mr. Lee's engine."*
- 21.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 7 May 1795.  
*Docketed "Illingworth's assignees. Lee's engine. Intended journey to Coxhead and to Sir Nigel Gresley."*
- 22.** Letter. James Lawson (Salford) to James Watt Jr. [London?]. 31 May 1795.  
*Docketed "Raikes engine etc."*
- 23.** Letter. James Lawson (Manchester) to James Watt Jr. (6 Green Lettice Lane).  
4 Jun. 1795.  
*Re-directed to James Watt Jr. at Soho. Docketed "Meeting with Horridge."*
- 24.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 7 Jun. 1795.  
*Docketed "Clegg's remittances. Horridge. Oldknow's boiler finished. Meeting with Barton. Perrins' illness."*
- 25.** Letter. James Lawson (Chesterfield) to James Watt Jr. (Soho). 9 Jun. 1795.  
*Docketed "Marshal's perverseness."*
- 26.** Letter. James Lawson (Nottingham) to James Watt Jr. (Soho). 11 Jun. 1795.
- 27.** Letter. James Lawson (London) to James Watt Jr. (Soho). 28 Jun. 1795.  
*Not dated – date taken from the docket. Docketed "State of London engines. Mr. Tate's. Whitbread's. Spence. Randall & Suter's."*
- 28.** Letter. James Lawson (27 York St., Westminster) to James Watt Jr. (Soho). 4 Jul. 1795.  
*Docketed "Thomas Crowder's allowance."*
- 29.** Letter. James Lawson (London) to John Southern. (Soho). 19 Aug. 1795.  
*On the same sheet:*  
Sketch of Ramsbottom & Baverstock's horse wheel.  
*Docketed "Ramsbottom & Baverstock."*
- 30.** Letter. James Lawson (27 York St., Westminster) to William Forman (Soho). 2 Sep. 1795.  
*Docketed "London engines."*
- 31.** Letter. James Lawson (London) to James Watt Jr. (Soho). 7 Sep. 1795.  
*Docketed "London engines."*
- 32.** Letter. James Lawson (London) to James Watt Jr. (Soho). 24 Sep. 1795.  
*Docketed "Roberts & Co. Severn's. Goodwin's. Whitbread's. Tate & Co."*

- 33.** Letter. James Lawson (London) to M. R. Boulton (Soho). 26 Sep. 1795.  
*Docketed "Borough Water Works. Griffiths – No. 92, Blackman St., Southwark."*
- 34. Letter.** James Lawson (London) to Boulton & Watt (Soho). 29 Sep. 1795.  
*Docketed "Borough Water Works."*
- 35.** Memorandum. Mr. Lawson's account of the London engines. — Sep. 1795.
- 36.** Letter. James Lawson (London) to James Watt Jr. (Soho). 2 Oct. 1795.  
*Docketed "Borough Water Works."*
- 37.** Letter. James Lawson (London) to James Watt Jr. (Soho). 2 Oct. 1795.  
*Docketed "Borough Water Works."*
- 38.** Letter. James Lawson (London) to James Watt Jr. (Soho). 3 Oct. 1795.  
*Docketed "Borough Water Works."*
- 39.** Letter. James Lawson (London) to Boulton & Watt (Soho). 10 Oct. 1795.  
*Docketed "Borough Water Works."*
- 40.** Letter. James Lawson (London) to James Watt Jr. (Soho). 21 Oct. 1795.  
*Docketed "London foundries. Defects in Roberts & Co.'s goods. Brasses for Spence. Air pump bucket for Shadwell. Firth and Varley."*
- 41.** Letter. James Lawson (London) to James Watt Jr. (Soho). 31 Oct. 1795.  
*Docketed "Tate's engine set to work. Gosse & Benwell. Borough Water Works."*
- 42.** Letter. James Lawson (London) to James Watt Jr. "or Boulton & Watt [Soho].  
1 Nov. 1795.  
*Docketed "Bowen & Sutton."*
- 43.** Letter. James Lawson (London) to James Watt Jr. (Soho). 4 Nov. 1795.  
*Docketed "Goods bought from Gosse & Benwell."*
- 44.** Letter. James Lawson (London) to James Watt Jr. [Soho]. 15 Dec. 1795.  
*Docketed "Visit to Allen Street."*
- 45.** Letter. James Lawson [London] to James Watt Jr. (Soho). 22 Dec. 1795.  
*Docketed "Paper from Richardson & Harrison's."*
- 46.** Letter. James Lawson (London) to James Watt Jr. (Soho). 31 Dec. 1795.

**3/271 James Lawson, 1796 (52 items)**

- 1.** Letter. James Lawson (13 London St.) to M. R. Boulton (Soho). 15 Jan. 1796.  
*Docketed "Hygrometer. Watch. Injunction."*
- 2.** Letter. James Lawson (Leeds) to James Watt Jr. (Shakespeare, Newcastle).  
12 Feb. 1796.
- 3.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 1 Mar. 1796.  
*Docketed "Livesey's report of Mr. Thackeray's engine, with drawing of the same." The drawing is on the same sheet.*

- 4.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 3 Mar. 1796. 2 sheets.  
*On the second sheet:*  
Transcript of letter. John Dumbell (Mersey Mills) to Thomas Jones (Manchester).  
29 Feb. 1796. *Docketed "Perrins' pervarication about Sturges & Co. Bateman & Sherratt's infringements. John Varley's treachery. Illingworth's engine – abatement wanted and conversation with him. Dumbell's engine working – letter from him. Price's drunkenness. Lee's indisposition."*
- 5.** Letter. James Lawson (Cottage) to James Watt Jr. (Soho). 6 Mar. 1796.  
*Docketed "Lee's illness. Livesey's report of the Garrat engine man. Will tell the truth if forced to it."*
- 6.** Letter. James Lawson (Cottage) to James Watt Jr. (Soho). 8 Mar. 1796.  
*Docketed "Lee's illness."*
- 7.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 9 Mar. 1796.  
*Docketed "Lee's recoccovery. Price's departure for Nantwich."*
- 8.** Letter. James Lawson (Cottage) to James Watt Jr. (Soho). 10 Mar. 1796. 2 sheets.  
*Letter continued on 11 Mar. Docketed "Visit to Daniel Lees and detection of T. Livesey. Remittance of £623.16 in full for Illingworth No. 2."*
- 9.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 15 Mar. 1796. 2 sheets.  
*Docketed "Information given by Keyton, Thackeray's engine man. Goodier's engine seen by Lawson. John Varley employed by Bateman. List of pirated engines erected by Bateman & Sherratt. Sketch of Daniel Burton's engine." The sketch is on the same sheet.*
- 10.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 16 Mar. 1796.  
*Docketed "Confirmation of bill from Illingworth's assignees. Visit to Thackeray's engine. C. Lees & Co. begin working."*
- 11a.** Letter. James Lawson (Manchester) to James Watt Jr. [Soho]. 17 Mar. 1796. 2 sheets.  
*With a postscript by George Lee. Enclosing (b) below.*  
*Docketed "Conversation with Keyton. Visit to Thackeray's engine. Varley's affidavit. Illingworth's engine. Charles Lees set to work. Bruckshaw & Thornely's order. Character of B. & W. Sandford. Correcetd list of pirated engines."*
- b.** Memorandum. Copy of the affidavit of John Varley in the case Boulton & Watt versus Bateman & Sherratt. 16 Mar. 1796.
- 12.** Letter. James Lawson (Preston) to James Watt Jr. (Soho). 18 Mar. 1796.  
*Docketed "Carlile's pirated engine. Lord Derby's ditto."*
- 13.** Letter. James Lawson (Cark) to James Watt Jr. (Soho). 21 Mar. 1796. 3 sheets.  
*Letter continued at Chorley on 22 Mar.*  
*Docketed "Drunken meeting with Stockdale. Conversation and dinner with ditto. Second inspection of Lord Derby's engine at Preston. Reflections upon what he has seen and can prove."*
- 14.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 22 Mar. 1796. 2 sheets.  
*Letter continued at Bury and Middleton on 23 Mar. and on 24 Mar. Docketed "Horrocks' common engines. Horridge's engine. Drury's engined pirated. Search after Daniel Lees and conversation with ditto."*
- 15.** Letter. James Lawson (Stockport) to James Watt Jr. (Soho). 25 Mar. 1796.  
*Letter continued at Manchester on 26 Mar.*  
*Docketed "Pirate engine at Bullock's Smithy, suppose Sir G. Warren's. Boiler for Bury. Further particulars of pirated engines."*

- 16.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 27 Mar. 1796.  
*Docketed "Engines at Burnley and Hawarden. Queries about modes of proceeding. Mr. Wainman's order. Mr. Kelly's drawings."*
- 17.** Letter. James Lawson (Manchester) to James Watt Jr. [Soho]. 28 Mar. 1796.  
*Docketed "Owen & Bower promise payment on 16<sup>th</sup> May. Charles Lees to pay next week. Dumbell's engine going ill. Varley's promise to see Thackeray's engine. Journey to Leeds."*
- 18.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 29 Mar. 1796.  
*Docketed "Evidence he will give. Dumbell's mismanagement. Illingworth's engine. Thomas Owen's agreement. P. Drinkwater wants a larger engine."*
- 19a.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 30 Mar. 1796.  
*Enclosing (b) below.*  
*Docketed "Keyton's refusal to take an affidavit. Remarks on Thackeray's business. Sketches of the pirated engines."*
- b.** Sketch. Pirate engine "same as Lord Derby's, Mr. Watson's, Daniel Burton's, Thackeray's at Garrat, ditto at Cark."
- 20.** Letter. James Lawson (Halifax) to James Watt Jr. (Soho). 31 Mar. 1796.  
*Docketed "Peel's pirated engine at Burnley."*
- 21.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 2 Apr. 1796.  
*Docketed "Mr. Wainman. Cockshutt. Mr. Paley. Holdforth W. & Co."*
- 22.** Letter. James Lawson (Canterbury) to James Watt Jr. (Soho). 15 Apr. 1796.  
*Docketed "About Fenner & Flint."*
- 23.** Letter. James Lawson (13 London St.) to James Watt Jr. (Soho). 19 Apr. 1796.  
*Docketed "Journey to Canterbury. Fenner & Flint. Affidavits. Mainwaring's patent."*
- 24.** Letter. James Lawson (13 London St.) to James Watt Jr. (Soho). 21 Apr. 1796.  
*With a postscript by Matthew Boulton. Docketed "Hornblower's engine at work. James Brown employed by Meux. Gardner & Manse's settlement. Knuckey wants to engage. Thrale's brewery. Peareth's answer."*
- 25a.** Letter. James Lawson (13 London St.) to James Watt Jr. (Soho). 26 Apr. 1796.  
*Enclosing (b) below. Docketed "Brown's affidavit against Hornblower. Knuckey on the lookout."*
- b.** Affidavit of James Brown against Hornblower & Maberley.
- 26.** Letter. James Lawson (London) to James Watt Jr. (Soho). 30 Apr. 1796.  
*Docketed "Meux & Co. Southampton journey."*
- 27a.** Letter. James Lawson (London) to James Watt Jr. (Soho). 2 May 1796.  
*Enclosing (b) below.*  
*Docketed "Moulder's prices. Journey to Southampton."*
- b.** Memorandum. The different wages of Moulders at three of the principal foundries in London.  
*Memorandum by Mr. Lithgow.*
- 28.** Letter. James Lawson (Leeds) to James Watt Jr. (Walker Office, Newcastle). 26 Jun. 1796.  
*Docketed "Nottingham, Hull and Leeds engines."*
- 29.** Letter. James Lawson (Leeds) to James Watt Jr. [Soho]. 7 Jul. 1796.  
*Docketed "Licence for Paley & Co. Batesons' and Nussey's."*

- 30.** Letter. James Lawson [Leeds] to John Southern (Soho). Not dated [circa 8 Jul. 1796].  
*On the same sheet:*  
Sketches. Holdforth Wilkinson & Paley's engine.
- 31.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 18 Jul. 1796.  
*Docketed "Gowland & Co. and Walkers defer settling. Accident to Gott's engine. R. Owen & Co."*
- 32.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 22 Jul. 1796.  
*Docketed "T. Owen promises to pay. A. Lane. Dunkerley's agreement with Bateman & Sherratt. Jones with Dumbell."*
- 33.** Letter. James Lawson (Leeds) to Boulton & Watt Jrs. (Soho). 28 Jul. 1796.  
*Docketed "Remittances from Leeds and Manchester. Gott's mill."*
- 34.** Letter. James Lawson (Manchester) to Boulton & Watt Jrs. (Soho). 3 Aug. 1796.  
*Docketed "Manchester remittances. Bateman & Sherratt's new impositions. Dumbell continues to work."*
- 35.** Letter. James Lawson (Manchester) to Boulton & Watt Jrs. (Soho). 10 Aug. 1796.  
*Docketed "Call upon Mr. Watson and Mr. Horrocks of Preston. Kirkman, Holloway and Taylor at Liverpool. Owen Scarth & Co. Mr. Wright. Dumbell."*
- 36.** Letter. James Lawson (Manchester) to Boulton & Watt Jrs. (Soho). 16 Aug. 1796.  
*Docketed "Owen & Lane's prevarication. Owen Scarth & Co. Carlile of Bolton wants new engine."*
- 37.** Letter. James Lawson (York) to James Watt Jr. (Soho). 19 Aug. 1796.  
*Docketed "Diverse transactions at Leeds. Batesons of Worseley."*
- 38.** Letter. James Lawson (Scarborough) to James Watt Jr. (Soho). 22 Aug. 1796.  
*Docketed "Transactions there."*
- 39.** Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 30 Aug. 1796.  
*Docketed "Grimshaws at Sunderland. Newcastle engines. McMurdo. Barnes' engines. Sheriff Hill."*
- 40.** Letter. James Lawson (Dumfries) to John Southern (Soho). 4 Oct. 1796.  
*Docketed "About his setting off for Newcastle."*
- 41.** Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 14 Oct. 1796.  
*Docketed "Sheriff Hill engine, Wall's End ditto, Willington ditto, Biggs Main ditto, Heaton ditto. Mr. Johnson's agreements. Hebburn Colliery winding engine. Peareth liekly to want his engine soon."*
- 42.** Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 23 Oct. 1796.  
*Docketed "Visit to Shieldrow Colliery. Ditto to Newbottle Colliery. Ditto to Raynter Colliery. Ditto to Cowper Colliery. Ditto to Salvin's at Durham. Mr. Barnes' illness."*
- 43.** Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 25 Oct. 1796.  
*Docketed "Visit to Mr. Goodchild. Account of Grimshaw's engine. Remarks on floats in boiler and on George Taylor. Mr. Johnson promises to send agreements executed. Pontop Pike engine wanted. Remittance for Walker on Saturday."*
- 44.** Letter. James Lawson (Hull) to James Watt Jr. (Soho). 28 Oct. 1796.  
*Docketed "State of Messrs. Salvin's engine house at Durham. Accident at Horner's engine at Durham. Gavin McMurdo to send drawing of Goodchild's engine. Brooke & Pease's engine doing well. J. R. Pease's engine house finished."*

- 45.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 3 Nov. 1796.  
*Docketed "Performance of Mr. Brooke's engine at Hull. State of Mr. J. R. Pease's ditto at Hull."*
- 46.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 4 Nov. 1796.  
*Docketed "Licence returned sealed and signed by Sturges & Co. Holdforth wants engine. State of Beverley Cross & Co.'s engine."*
- 47.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 14 Nov. 1796.  
*Docketed "Mr. Smalley's evidence."*
- 48.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 21 Nov. 1796.  
*On the same sheet:*  
Letter. George Lee (Manchester) to James Watt Jr. (Soho). 21 Nov. 1796.  
*Docketed "About time of trial with Maberley etc."*
- 49.** Letter. James Lawson (Leeds) to James Watt Jr. (13 London St.). 24 Nov. 1796.  
*Docketed "About Mr. Smalley's evidence."*
- 50.** Letter. James Lawson (Leeds) to James Watt Jr. (13 London St.). 25 Nov. 1796.  
*Docketed "Principally respecting Smalley."*
- 51.** Letter. James Lawson (Leeds) to James Watt Jr. (13 London St.). 28 Nov. 1796.  
*Docketed "Smalley says it would be extremely inconvenient for him to leave home at present."*
- 52.** Letter. James Lawson (Leeds) to James Watt Jr. (13 London St.). 29 Nov. 1796.  
*Docketed "Smalley agrees to come."*

**3/272 James Lawson, 1797**

**(50 items)**

- 1.** Letter. James Lawson (Bristol) to Boulton & Watt (Soho). 7 Jan. 1797.  
*Docketed "State of Castle & Co.'s engine. Bayley & Co.'s piston."*
- 2.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 20 Feb. 1797.  
*With a postscript addressed to John Southern. Docketed "Sturges' remittance. Arrangements of engine erectors. Proposed excursion to Manchester."*
- 3.** Letter. James Lawson (Halifax) to Boulton & Watt Jrs. (Soho). 24 Feb. 1797.  
*Docketed "Sturges & Co.'s law costs. Benjamin Firth."*
- 4.** Letter. James Lawson (Northwich) to James Watt Jr. (Soho). 28 Feb. 1797.  
*Docketed "Messrs. Sandford want invoice of sun and planet wheels. Mr. Marshall. Perrins. Proposes to send Hughes to Lancaster. Proposes going to Hull. Mr. Smalley on boring."*
- 5.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 4 Mar. 1797. 2 sheets.  
*On the second sheet:*  
Transcripts of letter & estimate. James Bateman, Bateman & Sherratt (Manchester) to James Lees (Manchester). 30 Aug. 1796.  
*Docketed "Complaints of Perrins' extortions. Copy of letter from Bateman to James Lees. Livesey's penitence. Nevins & Gatliff, Nussey & Co. Proposes going to Hull tomorrow."*
- 6.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 5 Mar. 1797.  
*Docketed "Unfavourable effect of affairs at Leeds."*
- 7.** Letter. James Lawson (Hull) to Boulton & Watt (Soho). 8 Mar. 1797.  
*Docketed "Arrival at Hull. Firth's indolence. Mr. Brooke. Mr. Coates. Thompson & Baxter. Mr. Lee at paper mill."*

- 8.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 11 Mar. 1797.  
*Docketed "D. Lees' application to be noted. Wheatley, engine erector, at liberty and competent to undertake Watson's or the Lancaster engine. Firth's dibil [?] render him an improper to be sent out. Sturges want account of expenses."*
- 9.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 13 Mar. 1797.  
*Docketed "Can part with no-one till Wheatley has finished his job. Has ordered Firth to be with him on Saturday. Letter to Mr. Pease. Nussey and Holroyd's pipes wanted."*
- 10.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 19 Mar. 1797.  
*Docketed "Firth not yet left Hull. Thinks Wheatley should go to Lancaster instead of Hughes. Nussey's steam pipes to be sent by waggon and also Messrs. Batesons'. Mr. Hurst's application to obtain leave to add a condenser and air pump to his engine."*
- 11.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 24 Mar. 1797.  
*Docketed "Mr. Pease refuses to part with Firth. Nevins' engine set to work. Intends going to Preston with M. Wheatley. Payment of Sturges & Co.'s law costs £106.16.9. Mr. Paley's engine set to work."*
- 12.** Letter. James Lawson (Preston) to Boulton & Watt (Soho). 4 Apr. 1797.  
*Docketed "Hughes' progress at Hodson & Co.'s engine. Arrangements with Watson & Co. Wheatley not arrived. Premium of Derby's engine."*
- 13.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 5 Apr. 1797.  
*Docketed "Repetition of his preceeding letter."*
- 14.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 11 Apr. 1797.  
*Docketed "Wheatley gone to Preston. Nevins' engine. Mr. Gott gone to London."*
- 15.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 13 Apr. 1797.  
*Docketed "Order for Mr. William Martin of Weetwood near Leeds."*
- 16.** Letter. James Lawson (Preston) to James Watt Jr. (Soho). 19 Apr. 1797.  
*Docketed "Good character of Punchon and Wheatley. Nussey's steam pipes. State of Hodgson's engine."*
- 17.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 25 Apr. 1797.  
*Docketed "Nussey's finished. Batesons' nearly so. Horridge's engine at work. Nicholson & Upton's account. Wishes to go to Scotland."*
- 18.** Letter. James Lawson (Preston) to James Watt Jr. (Soho). 8 May 1797. 2 sheets.  
*Docketed "Bad performance of Watson & Myers' engine. Rudge to come home. Punchon not finished at Nussey's. Brunton to erect Holdforth & Co.'s. Foster's shuffling. Nevins' distress. Blagborough & Holroyd to remit. Paley to be written to."*
- 19.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 11 May 1797.  
*Docketed "Bad performance of Watson & Co.'s engine. Account of Wheatley, Punchon and Rudge's time."*
- 20.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 13 May 1797.  
*Docketed "Character of Horrocks of Stockport. State of engines there. Order for Dumbell. McConnel & Kennedy's order. Mr. Bennet's order."*
- 21.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 16 May 1797.  
*Docketed "Brunton sent to Holdforth Wilkinson & Paley's. Martin intends sending order for a larger engine. Holroyd's likely to want another engine. Foster's payment £115.10/-. Punchon and Brunton's time. Sets off for Scotland."*

- 22.** Letter. James Lawson (Dumfries) to James Watt Jr. (Soho). 22 May 1797.  
*Docketed "Has written to Hanson & Co. Barnes' engines doing well. Bad state of Wall's End. Circulation of Bramah's pamphlet."*
- 23.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 13 Jun. 1797.
- 24.** Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 28 Jun. 1797.  
*Docketed "Interview with Johnson and promise from him of settlement of Wellington Colliery. Recommends recurring to the old method of striking the curf. State of the engines at Newcastle."*
- 25.** Letter. James Lawson (Newcastle) to Boulton & Watt (Soho). 5 Jul. 1797.  
*Docketed "Remittance from Pontop Pike. Johnson's evasions. Visit to Newcastle engines. Wade's order."*
- 26.** Letter. James Lawson (Ripon) to James Watt Jr. (Soho). 8 Jul. 1797.  
*Docketed "Arrangements of engine men. George Taylor's perverseness. Mr. Wade's order. Suggestions of changes in pit gearing."*
- 27.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 21 Jul. 1797.  
*Docketed "Disappointed in not meeting with Southern. Visit to Hodgson at Caton. Condition of their engine. Watson's engine at Preston. Wishes it had been entirely new."*
- 28.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 25 Jul. 1797.  
*Docketed "Remittance from Blagborough & Holroyd. Hurst and Murray's preparations against the expiration of the patent."*
- 29.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 3 Aug. 1797.  
*Docketed as 2 Aug: "Sundry remittances. Wilkinson Holdforth & Co.'s engine. Hurst's new erected engine."*
- 30.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 10 Aug. 1797.  
*Docketed "Holdforth & Co. want a still larger engine."*
- 31.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 23 Aug. 1797.  
*Docketed "Holt & Co. Going to Stockport. Pence."*
- 32.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 27 Aug. 1797.  
*Letter continued at Stockport.*  
*Docketed "Remittance £35 from Holt & Co. Hunt's engine set to work. Dumbell's ditto working. Illingworth No. 2 ditto. Horrocks' finished. C. Lees & Co. want a larger cylinder. Oldknow's and Bury's engines as usual."*
- 33.** Letter. James Lawson (Salford) to James Watt Jr. (Soho). 30 Aug. 1797.  
*Docketed "Horrocks' engine. Dumbell's engine is going to destruction. Illingworth No. 2 doing very well. General cleanliness of the Stockport."*
- 34.** Letter. James Lawson (Papplewick) to James Watt Jr. (Soho). 6 Sep. 1797.  
*Docketed "Robinson's engine. Journey to Newcastle."*
- 35.** Letter. James Lawson (Liverpool) to M. R. Boulton (Soho). 7 Oct. 1797.  
*Docketed "Arrival at Liverpool and Manchester. Remittance promised by Benyons & Bage. They retain the drawings. Condition of J. Taylor's engine. Bad ditto of Union Mill."*
- 36.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 18 Oct. 1797.  
*Docketed "Remittance on account of Bury. Holland & Bridge. C. Lees & Co.'s alteration of engine."*
- 37.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 19 Oct. 1797.  
*Docketed "Mr. Pooley's alteration from a 20 to a 24 horse engine. Mr. Bound's engine."*

**38.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 27 Oct. 1797.  
*Docketed "Deane's determination to have a 10 horse engine. Mr. Pooley's alteration from a 20 to 24 horse. Slow progress at Mr. Taylor's engine at Rochdale."*

**39.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 3 Nov. 1797.  
*Docketed "Pooley determines 24 horses, approves agreement. Marshall (Northwich) promises payment. Has been to Ravenhead where they want a larger power. Watson promises payment. Horridge to give Lawson an account of the time the engine has worked. Also promises payment."*

**40.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 8 Nov. 1797.  
*Docketed "Sundry bills. Casting for millwork of Pooley's and Hope's mills."*

**41.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 14 Nov. 1797.  
*Docketed "Remittances value £124.19 and receipts upon sundry accounts. Clegg's account. C. Lees & Co.'s broken planet wheel."*

**42.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 15 Nov. 1797.  
*Docketed "Prices of shafts. Millwork for Mr. Hope and Mr. Pooley."*

**43.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 21 Nov. 1797.  
*Docketed "Slovenly execution of Taylor & Son's engine, Rochdale. Proceedings and plans of Murray, Leeds."*

**44.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 22 Nov. 1797.  
*Docketed "Prices of engines made by Murray."*

**45.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 27 Nov. 1797.  
*Docketed "Murray's encroachments. Impenetrable designs. Preparations of workshops etc."*

**46.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 5 Dec. 1797.  
*Docketed "Account of engines erected at Hull by Murray. B. Firth engaged by Messrs. Brooke & Co."*

**47.** Letter. James Lawson (Horbury) to M. R. Boulton (Soho). 7 Dec. 1797.  
*Docketed "Fischer's engine. Murray's enquiry and offer of £200 for licence of Fischer's engine."*

**48.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 11 Dec. 1797.  
*Docketed "Interview with Mr. Fischer. Description of his engine."*

**49.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 13 Dec. 1797.  
*Docketed "Remittance value £102.4. Information of Murray's proceedings."*

**50.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 20 Dec. 1797.  
*Docketed "William & Lawrence Newall near Littleborough likely to want an engine. Marsland's order for a 30 horse."*

**3/273 James Lawson, 1798**

**(53 items)**

**1.** Letter. James Lawson (Newcastle) to Boulton & Watt (Soho). 2 Jan. 1798.  
*Docketed "Arrival at Newcastle. Inspection of Parker's engine at Apedale. Doubtful whether to deliver the letter to Messrs. Parker."*

**2.** Letter. James Lawson (Bristol) to James Watt Jr. (Soho). 22 Jan. 1798.  
*Docketed "Price of mahogany. Mr. Lewis' engine."*

**3.** Letter. James Lawson (Merthyr) to Boulton & Watt (Soho). 29 Jan. 1798.  
*Docketed "Prospect of orders from Mr. Taitt and Mr. Homfray."*

4. Letter. James Lawson (Merthyr) to Boulton & Watt (Soho). 31 Jan. 1798.  
*Docketed "Order from Messrs. Homfray for double 40 inch engine, 8 feet stroke."*
5. Letter. James Lawson (Truro) to James Watt Jr. (Soho). 18 Feb. 1798.  
*Docketed "Notice of his arrival. Visit to Pednandrea. Ditto to Wheal Treasury. Ditto to United Mines. Object of his coming known in Cornwall."*
6. Letter. James Lawson (Exeter) to James Watt Jr. (Soho). 20 Feb. 1798.  
*Docketed "Call at Plymouth and conversation with Murdock about Pednandrea. State of mines. Coins left for Mr. Tremayne."*
7. Letter. James Lawson (13 London St.) to James Watt Jr. (Soho). 22 Feb. 1798.  
*With a note added by Ambrose Weston.  
Docketed "Arrival from Cornwall. Testimony concerning United Mines and Pednandrea. Intended departure for Norwich."*
8. Letter. James Lawson (Norwich) to James Watt Jr. (Soho). 24 Feb. 1798.  
*Docketed "Particulars of his inspection of pirated engines in Cornwall. State of Bramah's Norwich engine. Interview with Mr. Mylne and Bramah."*
9. Letter. James Lawson (London) to James Watt Jr. (Soho). 27 Feb. 1798.  
*Docketed "Proposed alteration in injunction for United Mines. Bramah's dilemma. Slater & Amhurst employ David Watson."*
10. Letter. James Lawson (London) to James Watt Jr. (Soho). 1 Mar. 1798.  
*Docketed "Mr. Weston advises his return. State of Borough Water Works engine and application to Mr. Barclay."*
11. Letter. James Lawson (London) to James Watt Jr. (Soho). 6 Mar. 1798.  
*Docketed "Weston's indecision. Repairs of Borough Water Works. Conversation with Mr. Slater concerning David Watson's engine. Maberley's sale. Meux's mishaps."*
12. Letter. James Lawson (London) to M. R. Boulton (Soho). 9 Mar. 1798.  
*Docketed "Meeting with Mr. Homfray. Beam ordered for Pooley."*
13. Letter. James Lawson (London) to James Watt Jr. (Soho). 13 Mar. 1798.  
*Docketed "Enclosing Mr. Homfray's agreement. Intended meeting with Mr. Taitt."*
14. Letter. James Lawson (London) to James Watt Jr. (Soho). 15 Mar. 1798.  
*Docketed "Mr. Taitt's determination to have an engine. Messrs. F. Calvert wish to alter theirs. Stroud's piracy. Slater's caution about his engine. Bramah's copying machine."*
15. Letter. James Lawson (London) to James Watt Jr. (Soho). 17 Mar. 1798.  
*Docketed "Taitt's resolution to have engine same as Homfray's. Hateley to be dismissed from Borough Water Works."*
16. Letter. James Lawson (London) to James Watt Jr. (Soho). 20 Mar. 1798.  
*Docketed "Homfray's agreement. Taitt – wooden beam. Dayus proposes his father for engine man at the Borough Water Works. Charrington's engine repaired."*
17. Letter. James Lawson (London) to James Watt Jr. (Soho). 22 Mar. 1798.  
*Docketed "Bedford's omission of witnessing Mr. Boulton's affidavit. Bad account of Slater's engine. Cannot see Saddler's engine."*
18. Letter. James Lawson (London) to Boulton & Watt Jrs. (Soho). 27 Apr. 1798.  
*Docketed "Weston has made out affidavit for him in United Mines. Mr. Spence of Duffield."*

- 19.** Letter. James Lawson (Manchester) to James Watt Jr. (Walker's Office, Newcastle). 27 Apr. 1798.  
*Docketed "State of the engine at Caton. Mr. Watson demurs about paying premium."*
- 20.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 20 Jun. 1798.  
*Docketed "Conversation with Watson. Shakespear disengaged and query if to go to London."*
- 21.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 23 Jun. 1798.  
*Docketed "Explanation of his agreement with Francis Maxwell. Remittance value £183.2 from McConnel & Kennedy. Ditto promised from Stockport. Orders in expectation."*
- 22.** Letter. James Lawson (Liverpool) to Boulton & Watt (Soho). 26 Jun. 1798.  
*Docketed "Holt's engine nearly finished. Holloway's to be repaired. Kirkman's increasing difficulties. Piracy of a Mr. Wolfe detected."*
- 23.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 30 Jun. 1798.  
*Docketed "Piracy of Wolfe. Manoeuvres of Mr. Gardener. Ignorant of agreements of Lees & Co., Thomas, Taylor & Weston and Bounds. Shakespear's work at Dean's. Mr. Sutton's application for a flour mill. Outram's application to get 70 inch atmospheric changed into Boulton & Watt's."*
- 24.** Letter. James Lawson (Manchester) to James Watt Jr. (Walker Office, Newcastle). 1 Jul. 1798.  
*Docketed "Blunders of the Post Office. Matthews Holt & Co.'s engine. Wolfe's piracy. Gatley undecided. Bailey not determined as to the size of his engine. Proposes going to Rochdale and Oldham. Engine on Huddersfield Canal."*
- 25.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 5 Jul. 1798.  
*On the same sheet:*  
Sketches. Engine on the Huddersfield Canal, at Redbrook, near Marsden.  
*Docketed "Engine on Huddersfield Canal. Bills enclosed. Order of engine by Adam & George Murray. Mr. Southern's deeds, drawings received."*
- 26.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 7 Jul. 1798.  
*Docketed "Did not know of Outram's engineering. Clegg's opinion on the Huddersfield Canal engine. Mr. Gatley's order for engine. Agreements expected to be executed. Dunkerley's expected order. Miscarriage of his letters."*
- 27.** Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 10 Jul. 1798.  
*Docketed "Called on Mr. Bury. Murray and Gatley's agreements may be forwarded. Waited on Mr. Hope. Did not see Mr. Atherton. Rudge always needed. Not seen Mr. Haywood. Taylor & Weston's agreement. Going to Mr. Ridgway's."*
- 28.** Letter. James Lawson (Mr. Ridgway's, nr. Bolton) to M. R. Boulton [Soho]. 11 Jul. 1798.  
*Docketed "Gardener's work behind. Perrins come – engine may be finished in a week. Mr. Ridgway wishes for a discount for ready money."*
- 29.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 17 Jul. 1798.  
*Docketed "State of things at Ridgway's. Remittance from Taylor & Sons. Expected order from them. Remittance from Garland & Co. McMurdo's progress at Wilkinson & Holdforth's."*
- 30.** Letter. James Lawson (Leeds) to M. R. Boulton (Soho). 20 Jul. 1798.  
*Docketed "Encloses £100 from Jos. Foster. Wilkinson & Holdforth's engine to be set to work. Sent per coach Ridgway's deeds and Riddell's engravings."*
- 31.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 23 Jul. 1798.  
*Docketed "Rate at which different mills pay the Poor Rates. Holdforth's engine at work. Drawings for Murray and Gatley wanted. Pomatum for Markland & Cookson."*

- 32.** Letter. James Lawson (Leeds) to Boulton & Watt (Soho). 26 Jul. 1798.  
*Docketed "Poor Rates. Present to Livesey. Murray's transactions. Enquires about Mr. Lee. Order for J. Watt & Co."*
- 33.** Letter. James Lawson (Leeds) to Boulton & Watt [Soho]. 2 Aug. 1798.  
*The docket is on a separate wrapper.*  
*Docketed "More particulars about Poor Rates. McMurdo's avocations. Brunton's ditto. Nevins & Gatliff's want of remittances."*
- 34.** Letter. James Lawson (Huddersfield) to Boulton & Watt (Soho). 8 Aug. 1798.  
*Docketed "Mr. Mitchel of Baildon intends to have an engine. Remittance from Nevins & Gatliff. Disappointed by Foster of Horbury. Bad order of that gent's engine. Enquires after a Mr. Willshaw."*
- 35.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 11 Aug. 1798.  
*Docketed "Application of John Lees to be informed of the price of an engine for pumping. Encloses remittance from Barrow & Lees and Clegg. Brunton nearly finished at Marsland's. State of Murrays'. Their wishes respecting their boiler. Expects to see Mr. Haywood about Mr. Dean's engine."*
- 36.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 12 Aug. 1798.  
*On the same sheet:*  
Letter. George Lee (Manchester) to M. R. Boulton (Soho). 12 Aug. 1798.  
*Docketed "Surprise at Homfray's demur. Expects amicable settlement. Causes of bad state of engines at Leeds. Recommends cast iron connecting rods. State of accounts. Letter from James Watt Jr. Lee's speculations."*
- 37.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 16 Aug. 1798.  
*Docketed "Remittances of £1000 from Mr. Marsland. Chorlton Twist Co. want invoice of air pump bucket. McConnel & Kennedy's boiler. Assignees of Hunt order boiler. Arrears on Hunt's engine."*
- 38.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 19 Aug. 1798.  
*Docketed "Remittances from Duck and Pooley. Expected settlement with Horrocks and Dean. J. Lees of Oldham impatient for an answer."*
- 39.** Letter. James Lawson (Bolton) to James Watt Jr. (Soho). 23 Aug. 1798.  
*Docketed "William Brunton sets off for Scotland. Lawson's intention of coming to Soho. Ridgway's engine to be set to work. Perrins at Green's of Rotherham. Remittance of £302 from Haywood on account of Dean. Order for an 8 horse for James Marshall."*
- 40.** Letter. James Lawson (Liverpool) to James Watt Jr. (Soho). 26 Aug. 1798.  
*Docketed "Interview with Atherton concerning his engine. Ditto with Kirkman who refuses payment. Caution respecting Matthew Holt & Co. - £30 to their credit. Receipt and remittance of £20 from Ridgway."*
- 41.** Letter. James Lawson (Manchester) to James Watt Jr. [Soho]. 26 Oct. 1798.  
*The docket is on a separate wrapper.*  
*Docketed "Outram again applies for leave to apply air pump to the Huddersfield engine. Particulars of iron works in Wales visited by Lawson. Horridge determines on a new engine. Waddell supposed to have settled for the engine late John Lees."*
- 42.** Letter. James Lawson (Preston) to James Watt Jr. (Soho). 29 Oct. 1798.  
*Docketed "Horridge likely to want a 10 horse engine. State of Ridgway's engine. Perrins' charge against him. Perrins' licence taken away."*
- 43.** Letter. James Lawson (Workington) to James Watt Jr. (Soho). 3 Nov. 1798.  
*Docketed "Reception from Mr. Curwen. Mr. Udale & Co. State of the engines. Simpson Penrice."*

- 44a.** Letter. James Lawson (Workington) to James Watt Jr. (13 London St.). 8 Nov. 1798.  
2 sheets.  
*Letter continued on 10 Nov. Kept with (b) and (c) below. Docketed "Meeting with Mr. Curwen. Demeanour of Mr. Curwen and his agents. Proposed alterations."*
- b.** Memorandum. Engines – Workington. 5 & 8 Nov. 1798.  
*In James Lawson's hand.*
- c.** Memorandum (press copy). Engine at Workington and J. C. Curwen's engines at Hope Pit, Elizabeth Pit, Lady Pit. 8 & 10 Nov. 1798. 5 sheets.  
*In John Southern's hand?*
- 45.** Letter. James Lawson (Workington) to John Southern (Soho). 13 Nov. 1798.  
*Docketed "Causes of the bad state of Mr. Curwen's engines. Schemes for their amendment."*
- 46.** Letter. James Lawson (Workington) to James Watt Jr. (13 London St.). 16 Nov. 1798.  
*Docketed "Progress and proposed alterations at Workington."*
- 47.** Letter. James Lawson (Carlisle) to M. R. Boulton (Soho). 21 Nov. 1798.  
*Docketed "State of affairs at Workington. Meeting with Brunton. Projected journey to Scotland."*
- 48.** Letter. James Lawson (Carlisle) to James Watt Jr. (13 London St.). 21 Nov. 1798.  
*Docketed "Meeting with Brunton. State of matters at Workington. Journey to Newcastle and Glasgow."*
- 49.** Letter. James Lawson (Newcastle) to M. R. Boulton (Soho). 27 Nov. 1798.  
*Docketed "State of affairs at Workington. Campbell & Gibson. Hall & Surtees. Walker & Fishwick. Journey to Edinburgh. Wants accounts of Stein."*
- 50.** Letter. James Lawson (Newcastle) to James Watt Jr. (13 London St.). 29 Nov. 1798.  
*Docketed "State of Fishwick & Co. Ditto of Hebburn double 63 inch engine. Alterations in the winding engines. Agreement for keeping them in repair. Intended journey to Edinburgh and Glasgow."*
- 51.** Letter. James Lawson (Edinburgh) to M. R. Boulton (Soho). 4 Dec. 1798.  
*Docketed "Wade's influence at Hebburn upon the decline. Opinion of Hebburn double engine – alteration in working recommended."*
- 52.** Letter. James Lawson (Glasgow) to Boulton & Watt (Soho). 24 Dec. 1798.  
*Docketed "Sentiments of Mr. Baird's character and intentions. Particulars of Cook & Co.'s engine which they wish altered."*
- 53.** Letter. James Lawson (Glasgow) to M. R. Boulton (Soho). 26 Dec. 1798.  
*Docketed "Objections to the crank in the case of Mr. Gillies. Interview with Mr. Baird – opinion of him. His and other infringements about Glasgow. Messrs Cook & Co. wish their engine altered."*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 218**

**3/274 James Lawson, 1799 (57 items)**

1. Letter. James Lawson (Glasgow) to James Watt Jr. (13 London St.). 1 Jan. 1799.  
*Docketed "Order from Mr. Houstoun. Ditto expected from Mr. Pattison and Mr. Baird."*
2. Letter. James Lawson (Johnston) to M. R. Boulton (Soho). 5 Jan. 1799.  
*Docketed "Drawings of Mr. Houstoun's framing, cistern etc. wanted. Difficulty of getting the beam in one piece."*
3. Letter. James Lawson (Glasgow) to M. R. Boulton (Soho). 7 Jan. 1799.  
*Docketed "Little progress made by Brunton at Workington. Expects to get Mr. Pattison and Mr. Laird's order. Estimate of a 12 horse by Mr. Baird - £500. His stay with Mr. Houstoun and excellent condition of his mill."*
4. Letter. James Lawson (Workington) to M. R. Boulton (Soho). 27 Jan. 1799.  
*Docketed "Progress made in the repairs at Workington. Goods from Soho that were understood to be missing found in Mr. Curwen's house."*
5. Letter. James Lawson (Workington) to James Watt Jr. (13 London St.). 29 Jan. 1799.  
*Docketed "Alterations making in the engines. Orders at Glasgow."*
6. Letter. James Lawson (Workington) to M. R. Boulton (Soho). 30 Jan. 1799.  
*Docketed "Congratulations upon our victory. Sentiments of Curwen upon it. Conclusive arrangements with Brunton."*
7. Letter. James Lawson (Kendal) to M. R. Boulton (Soho). 4 Feb. 1799.  
*Docketed "Some particulars respecting Udale's order, say Curwen's. Situation of Underwood Co.'s boiler. Houstoun's pump 38 fathoms. Journey to Lancaster."*
8. Letter. James Lawson (Chorley) to M. R. Boulton (Soho). 8 Feb. 1799.  
*Docketed "Watson & Co.'s order doubtful. Have substituted a 30 inch cylinder in lieu of the 21 inch licensed by us. Cast iron boilers cause of great consumption of coals at Hodgson & Capstick's engine. Only one boiler for Gillies. Disappointed in not finding Mr. Greenal at Ecclestone near Chorley. Lives at another place of the same name."*
9. Letter. James Lawson (Liverpool) to M. R. Boulton (Soho). 12 Feb. 1799.  
*Docketed "Interview with Mr. Greenal of Ecclestone - probability of orders from him. Scarcity of injection water an obstacle. Conversation with Wolfe upon his piracy."*
10. Letter. James Lawson (Warrington) to M. R. Boulton (Soho). 13 Feb. 1799.  
*Docketed "Matthews Holt & Co.'s affairs. State of things at Kirkman's & reminded [?] them for payment. Packet addressed to him at Workington not received."*
11. Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 16 Feb. 1799.  
*Docketed "Prospect of order from Holland & Co. State of affairs at various engines. Lee's remarks on Kirkman. Grimshaw's explosion."*
12. Letter. James Lawson (Manchester) to M. R. Boulton (Soho). 17 Feb. 1799.  
*Docketed "Order of a 16 horse engine for Holland & Co. Pump lamp for Mr. Lee."*

- 13.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 23 Feb. 1799.  
*Re-directed to Boulton & Watt at 13 London St. Docketed "Dislike to new prices. Kirkman's."*
- 14.** Letter. James Lawson (Manchester) to Boulton & Watt (13 London St.). 27 Feb. 1799.  
*Docketed "Orders from Mr. Watson, Mr. Clegg, Mr. Rupp. Mr. Yates' renewed application for a licence."*
- 15.** Letter. James Lawson (Stockport) to Boulton & Watt (13 London St.). 28 Feb. 1799.  
*Docketed "Hope's engine to be forwarded in his own name."*
- 16.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 6 Mar. 1799.  
*The outside of the letter is directed to Gregory Watt. Docketed "Uncertainty respecting Atherton's being implicated with Kirkman. Supposed mistake in Holloway's account."*
- 17.** Letter. James Lawson (Manchester) to Boulton & Watt (13 London St.). 7 Mar. 1799.  
*Docketed "Mr. Jones' opinion of the correspondence with Atherton. Intends going to Liverpool. Bramah's puffs. Horridge's proceedings."*
- 18.** Letter. James Lawson (Prescot) to James Watt Jr. (Soho). 13 Mar. 1799.  
*Docketed "Conversation with Kirkman. Their affairs supposed to be assigned to Clark & Co. Probability of Atherton's being a partner."*
- 19.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 16 Mar. 1799.  
*Docketed "Complaints of delays. Pattison's agent enquiring about engines. Friendly offices of McConnel & Kennedy. Remittance from Holland & Bridge. Holland & Scott's drawings wanted."*
- 20.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 22 Mar. 1799.  
*Docketed "Mr. Hope not dissatisfied with delay. Rotative shafts for ditto. Alteration of his 12 horse engine. Order from Wood & Harrop for a 10 horse engine. Rupp's order is for a 28 horse. Remittances £419.2. Runcorn's alteration to be done for £160. Intended journey to Leeds."*
- 21.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 23 Mar. 1799.  
*Docketed "Holland & Co.'s order for a 16 horse engine. Marshall's engine at work. Swindell's to be so in a few days – both erected by Perrins. Gatley's will be finished by Rudge in a few days. Intended journey to Leeds and return to Manchester."*
- 22.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 30 Mar. 1799.  
*Docketed "Murray's patent. Improbability of detaching Wood from them. Marshall & Benyons' proceedings. Remittance from them."*
- 23.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 3 Apr. 1799.  
*Docketed "Remittance from sundries £278.8.4. Fenton satisfied with alteration of his engine and intended remittance. Sand at Castleford ordered, and description of quarry. Appointment with Mr. Murray. Boring rod ready to send off."*
- 24.** Letter. James Lawson (Halifax) to James Watt Jr. (Soho). 5 Apr. 1799.  
*Docketed "Remittance of £71.17 from Cookson & Co. Conversation with Murray and present price of his engines. Great fall of snow and inclement weather."*
- 25.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 9 Apr. 1799.  
*Docketed "Directions left with Mr. Smith for sand. Lee's working gear. New hand from Lowe. Rider uncertain."*
- 26.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 14 Apr. 1799.  
*Docketed "Order of a 12 horse from Rider. Ditto expected from C. Lees. Payments from Swindells and Marshall. Present to Thomas Livesey."*

- 27.** Letter. James Lawson (Dowlais) to Gregory Watt (Soho). 3 May 1799.  
*Docketed "State of things at Dowlais and Penyardren."*
- 28.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 28 May 1799.  
*Docketed "Mr. Ingleby's piracy. Bound defers payment."*
- 29.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 3 Jun. 1799.  
*Docketed "20 horse engine wanted by Simpson & Co., 12 horse by P. Drinkwater. Bound defers payment, Dean ditto, executors of Shaw ditto. Man wanted for Marsland's pump. Caution to Gregory. Journey to Preston. Report of Kirkman's giving up the Union Mill."*
- 30.** Letter. James Lawson (Liverpool) to James Watt Jr. (Soho). 10 Jun. 1799. 2 sheets.  
*Docketed "Change in the firm of the Union Mill Co. and secession of Kirkman's. Little progress made at Watson Myers & Co. Mr. Thomas Leeming. Melur Mine. Bagillt Colliery. Halkin Lead Mine."*
- 31.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 16 Jun. 1799.  
*Docketed "Foundries at Hunslett. Order for 14 horse engine – P. Drinkwater. Remittance £231.15.6. Mistake in Marshall's account. Settlement with Swindells. Agreements."*
- 32.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 25 Jun. 1799.  
*Docketed "Cannot catch Parker. Murray doing nothing new. Fenton and Humble to remit soon. Foster and Gowland & Co. ditto. James Lees wants to order 20 horse. Bound to settle tomorrow. Lee about Dimitty."*
- 33.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 2 Jul. 1799.  
*Docketed "Cannot get payment from Dean and Haywood. Bound likely to pay. Marsden & Neil want engine. Agreements. Drawings with Perrins."*
- 34.** Letter. James Lawson (Kendal) to James Watt Jr. (Soho). 9 Jul. 1799.  
*Docketed "Starting of Lee's engine. Journey to Bolton. Horridge's promise of payment. Rdigway and Singleton likely to want engines. Aston's engine a common one. Ravenhead Glass Works likely to want new engine. Kirkman's new establishment. Slowe progress at Watson Myers. Mistake at Caton. Mr. Wright orders 6 horse engine. Report circulated by Marshall and Sherratt."*
- 35.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 22 Jul. 1799.  
*Docketed "Visit to Workington. Engine nearly finished at Underwood. Pattison renews his application. Intends going to Dundee."*
- 36.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 11 Aug. 1799.  
*Docketed "Haig's have altered the situation of their engine. Knows nothing of brackets being ordered for Rider. Opinion of brackets. Orders expected from Mr. Nelson and Mr. Crawford and a distillery at Alloa."*
- 37.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 27 Aug. 1799.  
*Docketed "Means to go to Leeds by the mail coach. Expected settlement with Mr. Pattison. Good performance of the Underwood Mill. Progress at Houstoun's."*
- 38.** Letter. James Lawson (Manchester) to Gregory Watt (Soho). 17 Sep. 1799.  
*Docketed "Parker at Murray's. Affairs at Manchester. Remittance from Rider."*
- 39.** Letter. James Lawson (Leeds) to Gregory Watt (Soho). 23 Sep. 1799.  
*Docketed "Remittance £535. Wants accounts against Lane and Hunt. McConnel & Kennedy's cylinder. Mode of proceeding against Parker."*
- 40.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 3 Oct. 1799.  
*Docketed "Rupp's complaint about their shaft. Bound's delay of interest. Runcorn's at work. Accounts wanted."*

- 41.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 13 Oct. 1799.  
*Docketed "Remittance £589.17.6 from sundries. Gatley's and Reynolds & Co.'s boilers. Dean's delay of payment. Nothing to be got from Lane. Hunt's assignees promise payment. Union Mill Co. His indisposition."*
- 42.** Letter. James Lawson (Liverpool) to James Watt Jr. (Soho). 14 Oct. 1799.  
*Docketed "Mr. Houstoun's beam not at Liverpool. To call on William Clark & Co. Mr. Taylor to find us an agent."*
- 43.** Letter. James Lawson (Warrington) to James Watt Jr. (Soho). 16 Oct. 1799.  
*Docketed "Conversation with Mr. Clark about Kirkman's debt. Search after Houstoun's beam."*
- 44.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 18 Oct. 1799.  
*Docketed "Has found and forwarded the beam to Mr. Houstoun. Bill £22.15 from Lane. Advises not to trust them without security."*
- 45.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 19 Oct. 1799.  
*Docketed "Promises and excuses of John Lees. Haywood's promises. Dean delays again. Order from Kennedy & Nuttall. New patent much spoken of. Rupp & Co. finished. Wants directions for his future proceedings. Considerations respecting Mr. Clark of Liverpool."*
- 46.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 16 Nov. 1799.  
*Docketed "Has seen and forwarded John Pearson. Remittance from Scarth & Co. and the assignees of Hunt. Others expected. Order from Dunkerley & Hage. Present to Thomas Livesey and conversation with him."*
- 47.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 20 Nov. 1799.  
*Docketed "Visit to Preston, state of Watson & Myers' engine and mistake by Varley. Details of Newsham & Horrocks' engine, which they wish to have permission to alter. Ditto of John & Samuel Horrocks'."*
- 48.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 21 Nov. 1799.  
*Docketed "Has received a further application from Mr. Samuel Horrocks of Preston and intends being there on the 26<sup>th</sup> or 27<sup>th</sup> inst. Letter from Mr. Houstoun about his beam and answer sent him. Can get no remittances. Potter to be employed at Stevenson & Green's."*
- 49.** Letter. James Lawson (Leeds) to James Watt Jr. (Soho). 25 Nov. 1799.  
*Docketed "Estimates of framing from Mr. Lowe etc."*
- 50.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 28 Nov. 1799.  
*Docketed "Remittance Cookson & Fawcett. Others promised from Fenton and Humble. Sketch of G. & J. Wright's engine. Murray preparing air pumps – his misfortunes at Mr. Close's. Small engines likely to be in request. Intends going to Preston and thence to Carlisle."*
- 51.** Letter. James Lawson (Manchester) to Boulton & Watt (Soho). 1 Dec. 1799. 2 sheets.  
*Docketed "Potter's mistake in Rider's engine. Doubts of his making a good hand. Meeting with Mr. Goodrich, an emissary of General Bentham. Advice of forwarding sundry deeds and drawings. Drawings wanted for Stevenson & Green. Receipt of £14.16.6 from Mr. Thelfall."*
- 52.** Letter. James Lawson (Preston) to Boulton & Watt (Soho). 4 Dec. 1799.  
*Docketed "Errors in the invoice of Leeming's goods. Mr. Jee's charge upon ditto. Receipt of £20 from Watson & Co. who say they have written about their account. Leeming's agreement to be executed upon the return of his partner. Gardner does not appear to have the framing in much forwardness."*
- 53.** Letter. James Lawson (Newcastle) to Boulton & Watt (Soho). 15 Dec. 1799.  
*Docketed "Remittance from Hebburn. Ditto from Easterby & Hall. State of their engine."*

- 54.** Letter. James Lawson (Newcastle) to Boulton & Watt (Soho). 16 Dec. 1799.  
*Docketed "Receipt of £500 from Mr. Blacket. Payment of Kenton and Campbell & Gibson promised on his return. Barnes' intended visit."*
- 55.** Letter. James Lawson (Edinburgh) to Boulton & Watt (Soho). 18 Dec. 1799. 2 sheets.  
*Docketed "Bad state of Hebburn engine and reflections thereon. Campbell & Gibson doing well – will remit in January. Kenton ask further time – will want another engine. James Hind & Co. doing well. Michael Wheatley not willing to engage at the wages offered. Has engaged W. Gibson. State of Chapman's engine. Good account of William Wright. Mr. Ward of Carlisle likely to order a small engine. His order for a portable machine. Crank for Messrs. Horrocks."*
- 56.** Letter. James Lawson (Edinburgh) to James Watt Jr. (Soho). 22 Dec. 1799.  
*Docketed "Good account of Mr. Grieve. Wishes us to undertake the beam work. Mr. Geddes likely to want a 16 horse engine. Bagnie not at home. Haig's still unsettled. Commissions at Manchester. Professor Robison's new name for the Belier. Crowder with Murray and method used by the latter for rounding his iron."*
- 57.** Letter. James Lawson (Glasgow) to M. R. Boulton (Soho). 25 Dec. 1799.  
*Docketed "Time lost at Newcastle. Charges for Brunton and Grieve. Mr. Houstoun's to be at work early in January. Mr. Pattison has sold his old materials and says we may furnish the whole. Orders expected. Half pence for Mr. Houstoun."*

**3/275 James Lawson, 1800**

**(36 items)**

- 1.** Letter. James Lawson (Glasgow) to Boulton & Watt (Soho). 2 Jan. 1800.  
*Docketed "Philp & Co.'s agreement executed and state of the engine house. Payment of £35 from Mr. Stein of Kennet Pans. Probability of order from him. Visit to Crawford and Dykes Smith. Particulars of his situation etc."*
- 2.** Letter. James Lawson (Glasgow) to Boulton & Watt (Soho). 3 Jan. 1800.  
*Docketed "Baird's infringement. Difficulties thrown by his father in the way of Mr. Smith. Order expected from Mr. David Dale. Sudden thaw and state of the streets."*
- 3.** Letter. James Lawson (Glasgow) to Boulton & Watt (Soho). 8 Jan. 1800.  
*Docketed "Underwood Co. remit in full. Boiler wanted. State of Mr. Houstoun's. Brunton's agreement. Pattison's agreement executed."*
- 4a.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 13 Jan. 1800.  
*Kept with (b) below.*  
*Docketed "Negotiation with Mr. Edington. Houstoun's engine nearly completed. Arrangements for the other Scotch engines."*
- b.** Note (not by Lawson) re. grates for boilers.
- 5a.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 22 Jan. 1800.  
*Enclosing (b) below.*  
*Docketed "Houstoun's engine set to work and gives satisfaction. Correspondence and interview with Mr. Edington relative to the blowing engine wanted by the Clyde Iron Works. Encloses copy of his letter to Mr. Edington."*
- b.** Letter. Thomas Edington (Clyde) to James Lawson (at Smith Lawson & Co., Glasgow). 20 Jan. 1800.  
*Docketed "Specifying particulars of the blast engine wanted for the Clyde Iron Works."*
- 6.** Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 26 Jan. 1800.  
*Docketed "Order from Mr. Edington. Philp & Co. and Pattison's agreement. Brunton's agreement. Good performance of Houstoun's engine. Orders expected from Bartholomew and others. Character of John Grieve and of his two sons. Favourable report of John Pearson."*

7. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 31 Jan. 1800.  
*Docketed "Mr. Houstoun to remit soon. Charges for the men. Drawings of blowing cylinder for Edington. Mr. Sherriff to superintend the erection. Intends sending Brunton and Pearson to Dundee. George Grieve to go to Philp's and to Pollock's. Intends going to Newcastle. Expects many orders for coal engines."*
8. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 1 Feb. 1800.  
*Docketed "Bartholomew orders 10 horse. Philp & Co.'s engine arrived at Leith."*
9. Letter. James Lawson (Edinburgh) to M. R. Boulton (Soho). 7 Feb. 1800.  
*Docketed "Will explain to Edington the error in the price of valves. Has been with Walter Fergus & Co. of Kinghorn."*
10. Letter. James Lawson (Edinburgh) to Gregory Watt (Soho). 16 Feb. 1800. 2 sheets.  
*Letter continued on 17 Feb.*  
*Docketed "Indisposition. Draft of agreement with Hope's trustees. Wants estimate for Halbeath Colliery. Drawings for Fergus & Co. Haig's engine to be forwarded. Newcastle accounts. John Pearson's wages not charged to Houstoun. Character of Mr. Grieve and of his sons. Brunton at Wilkie's. Dykes Smith and Geddes order engines."*
11. Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 2 Mar. 1800.  
*Docketed "Remittances £650. Difficulty of procuring them. Obersavtions on working gear. Michael Wheatley unwilling to engage. Man from Barnes."*
12. Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 5 Mar. 1800. 2 sheets.  
*Docketed "Campbell & Gibson promise payment in a week. Mis-statement of Michael Wheatley's account. Stay ommitted in James & Co.'s boiler. State of engine at Burn Moor. Mr. Barnes has undertaken to settle Smith & Legg's account. Orders likely to be wanted. New engine makers at Newcastle. Michael Wheatley declines engaging. Agreement with him for wages. Bad state of himself and beast."*
13. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 18 Mar. 1800.  
*Docketed "Haig's esteemed good. Conversion with Grieve about boilers, and wants sketch. Engine house begun. Geddes still undecided. Hawkes have purchased the Devon Iron furnaces. Receipt of £18.5 of Mr. Stein."*
14. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 26 Mar. 1800.  
*Docketed "George Grieve to erect Pollock's. Philp & Co. in no haste. Application from Mr. Cunningham. Baird's engine at work. Wishes me to take a journey to the North with Ewart."*
15. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 16 Apr. 1800.  
*Docketed "Arrival of Harley. Pollock/s nearly completed. State of Pattison's framing. Bartholomew wants his engine. Account of Burn's grate. Order for copying paper."*
16. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 24 Apr. 1800.  
*Docketed "Remittance from J. Philp & Co. Robertson's inventions. Baird's engine."*
17. Letter. James Lawson (Glasgow) to James Watt Jr. (Soho). 29 Apr. 1800.  
*Marked "Private." Docketed "Expects Ewart. Wishes an arrangement woth Boulton & Watt and himself. Intends going to Dundee."*
18. Letter. James Lawson (Perth) to James Watt Jr. (Soho). 8 May 1800.  
*Docketed "Supposes Mr. D. Smith has ordered his engine. Ewart at Glasgow."*
19. Letter. James Lawson (Dundee) to James Watt Jr. (Soho). 13 May 1800.  
*Docketed "Wilkie's engine finished. Walter Fergus & Co.'s engine arrived. Brunton and Pearson to erect it. Magistrates want a corn mill. Engine erected by Baird for Mr. Dummond."*
20. Letter. James Lawson (Dundee) to James Watt Jr. (Soho). 13 May 1800.  
*Docketed "Has received our instructions and intends coming to Soho."*

- 21.** Letter. James Lawson (Edinburgh) to James Watt Jr. (Soho). 16 May 1800.  
*Docketed "Regrets his not going to Aberdeen. Account of men's time to Mr. Wilkie. State of matters at Walter Fergus & Co. Haig's engine arrived. To be at Newcastle on Monday."*
- 22.** Letter. James Lawson (Newcastle) to James Watt Jr. (Soho). 24 May 1800.  
*Docketed "Settlement with Kenton. Expects settlement with Wade and Blackett. Order likely to be received from Surtees & Co. and Hawkes & Co. George Taylor arrived."*
- 23.** Letter. James Lawson (Dudbridge) to James Watt Jr. (Soho). 7 Oct. 1800.  
*Docketed "Proceedings with Hawkes & Rickards. Cleanliness of the manufactories. Goes to London."*
- 24.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 28 Oct. 1800.  
*Docketed "Issue of his visit to Lawton. Newcastle Lead Co. Meeting with Mr. Coare. Rigby & Chadwick's engine doing well. Potter going to Newall's. Perrins' intoxication and refusal to deliver up drawings. Ditto's malpractices at Appleton & Ogden's. Remittance £943.14. Has desired Creighton to meet him. John Lees lies as usual. Ridgway finally resolves on a 24 horse."*
- 25.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 2 Nov. 1800.  
*Docketed "Sundry remittances. Promises from J. & J. Lees. Orders from Arrowsmith and Mrs. George. Duck and Chorlton Twist want their engines enlarged. Progress made at Hibbert & Smethurst. Lee's indisposition. J. & S. Horrocks going to build a new mill."*
- 26.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 5 Nov. 1800.  
*Docketed "Remittance from sundries. Deduction expected by C. Lees. Ditto made by Scarth & Co. Creighton delays meeting him. Orders – Arrowsmith & Co. and Mrs. George. Police meeting respecting a corn mill. John Lees accepts bill."*
- 27.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 8 Nov. 1800.  
*Docketed "Remits £244.19. Dean delivered over to Mr. Jones. Time allowed for orders. Mistake about Newall's shaft. Answers to memorandums."*
- 28.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 14 Nov. 1800.  
*Docketed "Creighton's neglect of orders. Complaint of time required for executing orders. New mode of spinning. Holland & Bridge have ordered new cylinder of Sherratt. Duck to have his done by us. Notice of sundry accounts viz. Sedgewick's, Bound's, Hunt's and Illingworth's."*
- 29.** Letter. James Lawson (Manchester) to James Watt Jr. (Soho). 17 Nov. 1800.  
*On the same sheet:*  
Letter. George Lee [Manchester] to James Watt Jr. (Soho). 17 Nov. 1800.  
*Docketed "Intends setting out Northwards. To call at Caton, Workington and Newcastle. Bound promises payment. A. & G. Murray likely to want new engine. W. Henry enquiring about fire brick. John Lees's acceptance of bill. Proposal about coming to Soho."*
- 30.** Letter. James Lawson (Newcastle) to Boulton Watt & Co. (Soho). 25 Nov. 1800.  
*Docketed "Proceedings at Caton. Mr. Curwen objects to the payment of Penrice's piracy. Remits £521 on account. Creighton's penitence and Lawson's commiserations."*
- 31.** Letter. James Lawson (Newcastle) to Boulton Watt & Co. (Soho). 27 Nov. 1800.  
*Docketed "Order for 30 horse engine from Mr. Richardson. Character of ditto. Progress made at Fishwick & Co.'s new works. Payment by Campbell & Gibson. Ditto by James Hind & Co. State of Barnes' health."*
- 32.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 3 Dec. 1800.  
*Docketed "Arrival at Glasgow. Defects in the Clyde's working gear and difficulties in adjusting it. Finds that Creighton has no particular reason for remaining at Glasgow."*

33. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 4 Dec. 1800.  
*Docketed "Mr. Monach agrees to take Mr. Boulton's Mint engine at 2/3 of the original cost."*

34. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 9 Dec. 1800.  
*Docketed "Remittance in full of Bartholemew's account. Character of Mr. Bridge."*

35. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 12 Dec. 1800.  
*Docketed "Enclosing remittance of £500 from Pattison. Orders boiler and apparatus for Pattison. Cook & Co.'s engine set to work and badness of iron. Harley to erect Dykes Smith's. McMurdo ditto St. Mirren's. Lawson goes with Creighton to Inveresk."*

36. Letter. James Lawson (Edinburgh) to Boulton Watt & Co. (Soho). 20 Dec. 1800.  
*Docketed "Remittance £800 from Hope's Trustees. Observations on working gear. Haig's want us to take back the engine. Visit to Geddes & Cooper. Conference with Halbeath owners. Creighton sets out on his return."*

**3/276 James Lawson, 1802**

**(50 items)**

1. Letter. James Lawson (Edinburgh) to Boulton Watt & Co. (Soho). 4 Jan. 1802.  
*Docketed "Progress made by Vivian at Haig's. Engine nearly finished at the Calder Iron Works. Boiler badly made and new one likely to be wanted. Burning of Mr. Cunninghame's engine."*

2. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 7 Jan. 1802.  
*Docketed "Remits £300 from Cunninghame. Is going over to Saltcoats. Calder Co.'s account to be paid soon. Progress made there."*

3. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 16 Jan. 1802.  
*Docketed "Mr. Cunninghame's engine not so much damaged as he expected. Cause of the fire doubtful. Mr. Dunlop fixes on a 24 horse. Orders beam and cross-beam. Will send a sketch of premises. Has written to Haig about boiler."*

4. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 20 Jan. 1802.  
*Docketed "Messrs. Crum's works out of Glasgow, there in a few days. Mr. Young cannot blame him about Halbeath beam. Remits £1200 from the Calder Iron Co. The balance will be settled with Lawson. The engine is nearly finished. Omoa ready for the engine. Monteith orders beam and cross-beam."*

5. Letter. James Lawson (Glasgow) to M. R. Boulton (Soho). 12 Feb. 1802.  
*Docketed "Engaged in making a drawing of Mr. Houstoun's colliery. Will send his account in a few days."*

6. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 15 Feb. 1802.  
*Docketed "Enclosing account of his expenses. Receipt of balance of Barker's account of Leadhills. Ditto Monack. Remittance promised by Mr. Cunninghame. Mr. Dalrymple without tidings of his engine. Messrs. Pollock & Co. want new boiler and apparatus."*

7. Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 23 Feb. 1802.  
*Docketed "Has delivered letter with schedule to James Dunlop & Co. Fulton & Sons order a 4 horse engine. Wants sketch of the mode of applying it to a cupola. Sandeman's engine arrived. Tennant Knox & Co. and Haig impatient for their materials."*

8. Letter. James Lawson (Edinburgh) to Boulton Watt & Co. (Soho). 3 Mar. 1802.  
*Docketed "Haig & Co. have got their shaft. Their boiler not yet arrived. Progress made at Halbeath. Varley sent to Sandeman's. Danger in crossing Queensferry. Boulton & Jee have taken Mr. Dalrymple's beam to pieces. Charge for procuring insurance. Receipt of £4.6.10 from Murray."*

- 9.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 4 Mar. 1802.  
*Docketed "Particulars for the calculations of Messrs. Fulton's cupola blast. Expects an order from Aberdeen and Lord Somerville's colliery. Advertisements of engines in the Glasgow papers. Expects to settle with Mr. Cunninghame."*
- 10.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 15 Mar. 1802.  
*Docketed "Remittance from Cunninghame with interest. Thinks Messrs. Sword & Co.'s boasts not likely to injure us. Mr. Coats of Liverpool recommended by Mr. Edington as a proper person to transact our business. Order for Messrs. Pollock & Co."*
- 11a.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 16 Mar. 1802.  
*Enclosing (b) below. Docketed "Encloses John Thomson's indentures and agreement with his father. Neglect in not getting the latter executed. Will see Grieve and get his answer in a few days. Sword & Co.'s threats to have some of our men at any rate – observations upon their and other rivals' insidious attacks. Mr. Wilson likely to give an order. Will want an estimate of pump and boiler."*
- b.** Letter. John Thomson Senior (Dumfries) to James Lawson (at Smith Lawson & Co., Glasgow). 23 Dec. 1801.  
*Docketed "Returning his son's indentures."*
- 12.** Letter. James Lawson (Glasgow) to John Southern (Soho). 19 Mar. 1802.  
*Docketed "Print of Mr. Boulton received somewhat damaged. Pattison's extinguishing apparatus. Catch pin for Omoa. Omoa engine arrived. Sketch for Fulton's blowing apparatus approved of. James Harley set out upon his return. A young hand wanted. Intention of visiting Soho."*
- 13.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 27 Mar. 1802.  
*Docketed "Claims interest upon his account. Wilsons have not determined upon size of engine. Wants estimate of pumps. Intention of going to Aberdeen. Action commenced against Sword & Co. by the City of Glasgow. Grieve agrees to our terms for new agreement. Could get some young lads as apprentices."*
- 14.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 29 Mar. 1802.  
*Docketed "Sword & Co. have laid a bet that they will get one of our men. Sandeman's engine at work. Wants his account and that of Halbeath. Engine erector wanted for Tennant & Co."*
- 15.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 20 Apr. 1802.  
*Docketed "Calder engine expected to be started at the end of the week. The beam in a better condition than expected. Sandeman's engine giving satisfaction. Thinks the charge for his journey thither should be deducted from his account."*
- 16.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 27 Apr. 1802.  
*Docketed "Remittance from Sandeman. Expects ditto from Halbeath. Want of man at Tennant & Co.'s. Fulton's in want of drawings. Estimate given to Moorkirk. Ditto wanted for Campbell Speirs & Co. Sword & Co. have abandoned their undertaking."*
- 17a.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 1 May 1802.  
*Enclosing (b) below. Docketed "Has received estimate of Pattison's extinguishing apparatus. Letter from Halbeath Co. Will be at Edinburgh in 10 days. Drawings of Fulton's blowing machinery wanted. Calder and Omoa engines to start in a few days."*
- b.** Letter. John Campbell (St. James' Square, Glasgow) to James Lawson (at Smith Lawson & Co., Glasgow). 27 Apr. 1802.  
*On the same sheet:*  
Transcript of letter. Andrew Young (Halbeath) to John Campbell. 15 Apr. 1802.

- 18.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 4 May 1802.  
*Docketed "Messrs. Campbell Speirs & Co. determine on an engine to be either 16 or 20 horse. Orders lost on account of time. Moorkirk order given to Baird. Competitors in Scotland. Has engaged two new hands."*
- 19.** Letter. James Lawson (Edinburgh) to Boulton Watt & Co. (Soho). 20 May 1802.  
*Docketed "Calder engine working tolerably. Remittance from Mr. Dalrymple and on account of Halbeath. Mr. Young claims allowance for the cistern bolts. Varley and Vivian gone to Tennant & Co. Haig's got to work. Forbes' drawings forwarded. Sale of Dykes Smith's engine. Will set out for Soho in 3 weeks."*
- 20.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 25 May 1802.  
*Docketed "Calder Iron Co. resolve upon adding a blowing cylinder to their vaults. Campbell Speirs & Co. order a 20 horse engine. Sword & Co. partners with them. Wants accounts with sundries. Proposes setting out for this on the 10<sup>th</sup> or 12<sup>th</sup> June."*
- 21.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 3 Jun. 1802.  
*Docketed "Mr. Monteith wishes us to proceed with a 32 horse engine. Accident at the Clyde by the failure of the blowing piston rod. Tennant Knox & Co.'s engine ready to start. Destination of Vivian and Varley. Calder blowing apparatus failed. Engine works better in consequence of the leaks in the blowing tub."*
- 22.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 14 Jun. 1802.  
*Docketed "Vivian cannot be spared to erect Mr. Wright's engine. Destination of the other hands in Scotland. Remittance for the balance of Catrine account. Causes of the delay in starting Omoa engine. Leaves Glasgow on the following Thursday. Will call at Carron. Tennant's engine started to the satisfaction of the proprietors. Mr. Monteith agrees to take the 30 horse engine."*
- 23.** Letter. James Lawson (Edinburgh) to Boulton Watt & Co. (Soho). 21 Jun. 1802.  
*Docketed "Remittance and statement of account with Haig & Co. and Messrs. Tennant Knox & Co. Monteith's drawings will be followed without alteration. Dunlop & Co.'s ditto. Messrs. Wilson of Hurllet Colliery order the engine as proposed to them. Mr. Dyce wishes his engine to be exchanged to a 16 horse. Sets out in the mail for Newcastle the same day."*
- 24.** Letter. James Lawson (Newcastle) to Boulton Watt & Co. (Soho). 24 Jun. 1802.  
*Docketed "Account of the Tyne Iron Co.'s new erections. Surmises their intentions to commence as engineers in conjunction with Dudgeon. Engines under hand in the shops of the latter."*
- 25.** Letter. James Lawson (Swansea) to James Watt Jr. (Soho). 6 Aug. 1802.  
*Docketed "State of things at Aberdare. Neath engine doing well. Misfortune at Dowlais. About to sail for Cork."*
- 26.** Letter. James Lawson (Cork) to Boulton Watt & Co. (Soho). 16 Aug. 1802.  
*Docketed "Account of his journey and state of Mr. Morgan's engine. Mr. Morgan from home – will return on the ensuing day when he expects to take his departure for Clonmell. Misery of the Irish peasantry."*
- 27.** Memorandum. The performance of Isaac Morgan's engine at Cork. 18 Aug. 1802.

- 28.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 2 Oct. 1802.  
2 sheets.  
*Docketed "Progress made by Spode in the buildings and preparations for his engines. Deviations from drawing in length of rotative shaft. Situation for his intended 30 horse not determined. Favourable report of the performance of Wedgwood's engine. Particulars of its work. Statement of account left with Mr. Byerley. Mr. Spode and Mr. Hamilton much pleased with the working of Wedgwood's. Probability of Lowe being employed by the former to do his millwork. Extract of a letter shown by Mr. Spode mentioning the wonderful effects of Trevithick's new engine. Mr. Slate's engine doing well. Defects of Messrs. Daintry Royle & Co.'s. Alteration in the intended position of the new engine. Progress made in the erection of Mr. Cheetham's. Bad work of the platform. Extraordinary defects of well for supply of cold water. Thinks there is a necessity for Murdock's assistance in starting the engine. Great discord of Lee's eccentric circle."*
- 29.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 9 Oct. 1802.  
*Docketed "Dixon & Co.'s engine started without accident. Appears to go smoothly. Order of Mr. Pillings for a 14 horse engine. J. Lees' want of particulars of the charge for his engine."*
- 30.** Letter. James Lawson (Manchester) to Boulton Watt & Co. [Soho]. 10 Oct. 1802.  
2 sheets.  
*Docketed "Defects in the construction of Dixon & Co.'s materials. Proposes alteration in the working gear. Observations upon old working gears and upon the pins at top of connecting rods. Livesey proposes to engage in a foundry at Werneth. Present of 10 guineas to him. Rise of workmen's wages. William Wright dissatisfied with his present of a guinea to him. Gavin seems comfortably settled."*
- 31.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 12 Oct. 1802.  
*Docketed "Conference with John Pearson – ideas about wages and the policy of engaging him."*
- 32.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 13 Oct. 1802.  
2 sheets.  
*Docketed "Remits £820 from J. Lees. Ditto £150.5 from C. Rider. Payment of £42.8 by Gately's widow. Ditto of £3.9 by Dunkerley & Co. Barrow Lees & Co. not seen. Bad account of Hesketh & Schofield. Can get nothing done in the affair of Shaw's bond. Has not seen Bound. Progress made at Cheetham's and scarcity of water. J. Bury promises to settle his account at the end of this month. Creighton to send sketch of situation for his 6 horse. Vickers & Co.'s cylinder returned. James Lees to have iron beam etc. Situation of different engines for John Lees and J. & J. Lees. Wishes John Pearson to be re-engaged."*
- 33.** Letter. James Lawson (Buxton) to Boulton Watt & Co. (Soho). 15 Oct. 1802.  
*Docketed "Account presented to Dixon & Co. who will remit in 10 days. Estimates delivered to Greg & Ewart. Pearson gone to Ridgway's and directions left with Creighton and Lee respecting him. Orders in agitation."*
- 34.** Letter. James Lawson (Rotherham) to Boulton Watt & Co. (Soho). 17 Oct. 1802.  
*Docketed "Messrs. Walker from home. Mr. Yates conducts the engine concerns, think a new engine will be ordered. Has left instructions with Mr. Lee respecting Pearson's engagement. Met with Mr. Dawson at Buxton – will call on him at Low Moor if necessary. Expects to be at Snaith on Tuesday and to return through Leeds to Halifax. Has increased our charges from men's time 5/- per week per man."*
- 35.** Letter. James Lawson (Rotherham) to Boulton Watt & Co. (Soho). 18 Oct. 1802.  
*Docketed "Messrs. Walkers disposed to have a new blast engine. Good condition of the engine last erected. Small produce of the furnace. Amount of accounts received. Thinks Pearson inclined to accept our terms – gone with Wright to Low Moor. Will apprise Mr. Dawson of the case. Proposes Creighton to take the Glasgow station and himself to remain at Manchester to settle with the workmen and other matters. Creighton's diffidence an impediment to his transacting business."*

- 36.** Letter. James Lawson (Leeds) to Boulton Watt & Co. (Soho). 24 Oct. 1802.  
*Docketed "The alteration of Messrs. Walkers' blowing engine can be effected without stopping the furnace. No further tidings of Wright and Pearson. Smalley leaving the Low Moor concern."*
- 37.** Letter. James Lawson (Leeds) to Boulton Watt & Co. (Soho). 24 Oct. 1802.  
*Docketed "Wishes John Pearson's articles to be forwarded to him. Thinks his stay at Manchester may not now be required."*
- 38.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 27 Oct. 1802.  
*Docketed as 28 Oct: "Visit to the Low Moor where neither Pearson nor Wright had called. Smalley likely to remain there. Clegg has commenced putting the engine together for Mr. Lodge. Cause of the delay in delivering Mr. Hope's drawings. Thinks it better for himself to remain at Manchester and Creighton to go to Scotland."*
- 39.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 31 Oct. 1802.  
*Docketed "Indisposed with a cold. Creighton gone to Glasgow and likewise Newman and Thomson. Accompanied the latter to Murray's and McConnel's engine."*
- 40.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 4 Nov. 1802.  
*Docketed "Breakage of Mr. Bury's connecting rod. Box for Cheetham missing. Has got no water, is likely to want another pump. Mr. Pownall orders a 6 horse engine. Wants estimate of Shallcross's present cylinder etc."*
- 41.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 14 Nov. 1802.  
*Docketed "Disaster at Dixon & Co.'s engine by the failure of the connecting rod. Has procured McCandlish & Co.'s to replace it. Mr. Penson of Wigan undetermined as to the size of his engine."*
- 42.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 16 Nov. 1802.  
2 sheets.  
*Docketed "No further particulars as to the cause of Dixon's disaster transpired. Proposes driving the governor by gear. Recommends a wooden middle piece for connecting rods. Cannot obtain payment of Schofield. Proposes to get his father's security. Confusion at Marriot & Robinson's in consequence of the death of the former. Distribution of the men. Pearson objects to the terms of the agreement. At work at Houldsworth's engine for a guinea per week. Intends to return with Miss Lee to Soho on Monday. Remittance from Scarth & Co."*
- 43.** Letter. James Lawson (Nottingham) to Boulton Watt & Co. (Soho). 1 Dec. 1802.  
*Docketed "Inspection of Wilkes & Jewsbury's proceedings. Recommends a flat grate for them. Wish to have the pillar etc. with expedition. Report of Mr. Peel's engine and Mr. Strutt's ditto. A new 10 horse cylinder and nozzles wanted by the latter. Remittance for his account. Brown & Son's proceeding in the erection of their framing – have an intelligent millwright. Dennison's mill destroyed by fire."*
- 44.** Letter. James Lawson (Chesterfield) to Boulton Watt & Co. (Soho). 5 Dec. 1802.  
*Docketed "Fire at Oats Stephenson & Co.'s. State of engines. Progress at the Radford Co.'s. Mr. Robinson of Papplewick. State of things at Pleasley. Orders."*
- 45.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 11 Dec. 1802.  
*Docketed "Remittances from sundries. Daintry Royle & Co. deduct amount of Potter's board. Hesketh & Schofield request us to suspend proceedings against them for a few days – in treaty with Messrs. Ollivant to become partners. Hopes to get the account settled on Tuesday next. Engine erectors going on regularly though slow."*

**46.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 12 Dec. 1802.  
*Docketed "Employment of the engine erectors and difficulty of providing a hand for Nelson engine. Disappointment in consequence of Creighton's silence. Wish to proceed to Scotland as soon as affairs at Manchester are got into train. Gavin McMurdo's recollection of the conversation with Murray and interview between him and Mr. Murdock. Believes Murdock at Mr. Gott's is acquainted with the matter."*

**47.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 13 Dec. 1802.  
*Docketed "Gavin's examination of Crowder. Crowder's confession. Crowder about to leave Bateman & Sherratt. Hewes' order confirmed. Shallcross not ready to build. Remittances and accounts."*

**48.** Letter. James Lawson (Manchester) to Boulton Watt & Co. (Soho). 17 Dec. 1802.  
2 sheets.  
*Docketed "Sets off immediately for Glasgow. Hesketh & Schofield's concern to be dissolved and Ollivant to grant his bill for the amount. Ewart to take charge of that matter in his absence. Small payments by sundries. Shallcross promises to remit soon. Is thought doubtful. Mrs. Gatley will pay at Xmas. T. Bound in a week or two after. Dinner given to the men and the effects of it upon John Pearson. Thinks Gavin will agree again. John White entering into partnership with Whitehead as a founder and engineer. His intended journey to Soho. Has not seen Crowder. R. Kershaw likely to order a 20 horse engine. Proposes T. Livesey's nephew to be engaged as a workman. Order for 20 horse engine for F., G. and J. Southam. Lee to visit Soho next week. Expects to be absent about a fortnight."*

**49.** Letter. James Lawson (Edinburgh) to Boulton Watt & Co. (Soho). 22 Dec. 1802.  
*Docketed "Knight & Sedgewick likely to want a 24 horse engine. Advises caution. Lane out of the concern. Causes of slow progress at McConnel & Kennedy's. Mistake in Ewart's holding down bolts. John Stein's mill burnt. Likely to order a 20 horse engine. Goes to Glasgow."*

**50.** Letter. James Lawson (Glasgow) to Boulton Watt & Co. (Soho). 30 Dec. 1802.  
*Docketed "Receipt of £14.8.2 from John Stein & Co. Halbeath engine doing well. Did not present the account as nothing complete. Progress made at McGeorge's. Monteith's shafts not arrived. Houstoun likely to order a 20 or 24 horse. Prospect of orders from the West India merchants."*

**3/277 James Lawson, two miscellaneous letters, 1806 (2 items)**

**1a.** Letter. James Lawson (Bath) to Boulton Watt & Co. [Soho]. 26 Feb. 1806. 5 sheets.  
*The docket is on a separate wrapper. Docketed as 27 Feb. Enclosing (b)-(d) below. Docketed "Sketch and observations of the premises at Blaenavon. Sketch of Trevithick's engine at Pennydarren. Account of some new ones erecting and of some experiments of consumption etc. on raising water."*

**b.** Sketch. Plan of Blaenavon Furnaces No. 1 & 2. 10 Feb. 1806.

**c.** Sketches. Plan and section of blowing cylinders for Blaenavon.

**d.** Sketches. Trevithick's engine and boiler. Plan, side and end views.

**2a.** Letter. James Lawson (Glasgow) to James Watt Jr. [Soho?]. 1 Nov. 1806.  
*Enclosing (b)–(e) below, which were together in a packet. Docketed "Encloses letters from Mr. Anderson, with farther particulars of the painted window at Lichfield."*

**b.** Letter. John Anderson (Fermoy) to James Lawson (care of James & Robert Watson, Glasgow). 7 Oct. 1806.

**c.** Transcripts. Transcripts of 3 letters on the same sheet, as follows:

William Mott (Lichfield Close) to John Anderson (5 Dawson St., Dublin). 26 Sep. 1806.

John Anderson (Fermoy) to William Mott (Lichfield). 7 Oct. 1806.

John Anderson (Fermoy) to William Raphael Eginton (Birmingham). 7 Oct. 1806.

**d.** Transcripts. Transcripts of 4 letters on the same sheet, as follows:

William Raphael Eginton (Handsworth) to John Anderson (Fermoy). 29 Sep. 1806.

William Raphael Eginton (Handsworth) to William Mott (Lichfield). 25 Sep. 1806.

William Mott (Lichfield) to William Raphael Eginton [Handsworth]. Not dated.

William Raphael Eginton [Handsworth] to ?. Not dated.

**e.** Copy of sketch. Window in Lichfield Cathedral.

*Showing broken squares of glass to be replaced. Referred to in Eginton's letter of 29 Sep. 1806 above.*

**3/278 James Lawson, letters to him, 1793 (39 items)**

**1.** Letter. John Southern (Soho) to James Lawson (care of Samuel Oldknow, Stockport).  
6 Apr. 1793.

**2.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Co., Leeds).  
15 Apr. 1793.

**3.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Co., Leeds).  
20 Apr. 1793.

**4.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Co., Leeds).  
30 Apr. 1793.

**5.** Letter. John Southern (Soho) to James Lawson [Leeds]. 8 May 1793.

**6.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds).  
13 May. 1793.

**7.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Co., Leeds).  
16 May 1793.

**8.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Co., Leeds).  
4 Jun. 1793.

**9.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Co., Leeds).  
"Thursday Morn." [6 Jun. 1793].

**10.** Letter. John Southern (Soho) to James Lawson (at Mr. Chippindall's, Salisbury Court).  
13 Jun. 1793.

**11.** Letter. John Southern (Soho) to James Lawson (at Mr. Chippindall's, Salisbury Court).  
14 Jun. 1793.

**12.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 19 Jul. 1793.

**13.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 26 Jul. 1793.

**14.** Letter. William Forman (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 29 Jul. 1793.

- 15.** Letter. William Forman (Soho) to James Lawson (at Wormald Fountain & Gott, Leeds). 1 Aug. 1793.
- 16.** Letter. John Southern & William Forman (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 10 Aug. 1793.
- 17.** Letter (press copy). James Lawson (Leeds) to John Southern [Soho]. 13 Aug. 1793. 3 sheets.  
*In reply to Southern's letter of 10 Aug.*
- 18.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 13 Aug. 1793.
- 19.** Letter. William Forman (Soho) to James Lawson (at Wormald Fountain & Gott, Leeds). 15 Aug. 1793.
- 20.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 6 Sep. 1793.
- 21.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 11 Sep. 1793.
- 22.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 16 Sep. 1793.
- 23.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 21 Sep. 1793.
- 24.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 23 Sep. 1793.
- 25.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 25 Sep. 1793.
- 26.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 30 Sep. 1793.
- 27.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 15 Oct. 1793.
- 28.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 19 Oct. 1793.
- 29.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 22 Oct. 1793.
- 30.** Letter. James Watt (Birmingham) to James Lawson (care of Wormald Fountain & Gott, Leeds). 25 Oct. 1793.  
*Summarised by Henry Hazleton "Speaks of James Murdock's bad behaviour in Spain, he is to be dismissed from our service. Lawson to prepare himself to set out to take his place."*
- 31.** Letter. William Forman (Soho) to James Lawson (at Wormald Fountain & Gott, Leeds). 15 Nov. 1793.  
*On the same sheet:*  
Transcript of letter. Letter & list of articles. Boulton & Watt (Soho) to Messrs. Walkers (—). 12 Oct. 1793.
- 32.** Letter. William Forman (Soho) to James Lawson (at Wormald Fountain & Gott, Leeds). 19 Nov. 1793.

- 33.** Letter. Matthew Boulton (London) to James Lawson (care of T. Cookson, Leeds).  
23 Nov. 1793.  
*Summarised by Henry Hazleton "Concerning coinage and putting presses in order."*
- 34.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 26 Nov. 1793.  
*With a note by William Forman on the same sheet.*
- 35.** Letter. William Forman (Soho) to James Lawson (at Wormald Fountain & Gott, Leeds).  
29 Nov. 1793.
- 36.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 5 Dec. 1793.  
*Re-directed to Lawson at the Revolution Mill, Retford.*
- 37.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 11 Dec. 1793.
- 38.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 26 Dec. 1793.
- 39.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 27 Dec. 1793.  
*On the same sheet:*  
Transcript of extract of letter. Beverley Cross & Co. (—) to Boulton & Watt [Soho].

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DETAILED LISTING

**REEL 219**

**3/279 James Lawson, letters to him, 1794 (41 items)**

1. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 10 Jan. 1794.
2. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 23 Jan. 1794.
3. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 27 Jan. 1794.
4. Letter. William Forman (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 27 Jan. 1794.
5. Letter. John Southern (Soho) to James Lawson (Lawson (care of Wormald Fountain & Gott, Leeds). 4 Feb. 1794.  
*On the same sheet:*  
Letter. Henry Green Jr. (Broad Marsh Mill, Nottingham) to James Watt (Soho). 1 Feb. 1794.  
*Passed by Watt to Southern, who added his letter and sent it to Lawson.*
6. Letter. John Southern (Soho) to James Lawson (Post Office, Nottingham). 17 Feb. 1794.
7. Letter. John Southern (Soho) to James Lawson (care of John Morehouse, Gainsborough). 7 Mar. 1794.
8. Letter. John Southern (Soho) to James Lawson (Post Office, Nottingham). 12 Mar. 1794.
9. Letter. John Southern (Soho) to James Lawson (Lawson (care of Wormald Fountain & Gott, Leeds). 22 Mar. 1794.
10. Letter. Thompson & Baxter (Hull) to James Lawson (at Wormald Fountain & Gott's, Leeds). 11 Apr. 1794.
11. Letter. John Southern (Soho) to James Lawson (care of Thompson & Baxter, Hull). 28 Apr. 1794.
12. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 28 Apr. 1794.  
*Copy of the letter above that was sent to Hull.*
13. Letter. Timothy Smith (Swillington) to James Lawson (Benjamin Gott's, Leeds). 2 May 1794.  
*Re-directed to Lawson at Thompson & Baxter's, Hull.*
14. Letter. William Harrison (Rotherham) to James Lawson (at Mr. Gott's, Leeds). "Tuesday Night" [May 1794].  
*Re-directed to Lawson at Thompson & Baxter's, Hull.*
15. Letter. John Southern (Soho) to James Lawson (care of Thompson & Baxter, Hull). 7 May 1794.

- 16.** Letter. John Southern (Soho) to James Lawson (care of Thompson & Baxter, Hull).  
13 May 1794.
- 17.** Letter. John Southern (Soho) to James Lawson (care of Thompson & Baxter, Hull).  
28 May 1794.  
*On the same sheet:*  
Transcript of letter. John Southern for Boulton & Watt (Soho) to Anthony Atkinson. 18 Feb.  
1793.
- 18.** Letter. John Rennie (Stamford St., London) to James Lawson (care of Benjamin Gott,  
Leeds). 7 Jun. 1794.
- 19.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 9 Jun. 1794.
- 20.** Letter. John Rennie (London) to James Lawson (Canal Office, Lancaster). 16 Jun. 1794.
- 21.** Letter. John Southern (Soho) to James Lawson (care of Rev. Lawson, Dumfries).  
18 Jun. 1794.
- 22.** Letter. John Southern (Soho) to James Lawson (care of John Kendrew & Co., Darlington).  
24 Jun. 1794.
- 23.** Letter. John Southern (Soho) to James Lawson (care of John Kendrew & Co., Darlington).  
27 Jun. 1794.  
*On the same sheet:*  
Transcript of letter. John Southern for Boulton & Watt (Soho) to Samuel Gregson [Lancaster].  
27 Jun. 1794.
- 24.** Letter. John Southern (Soho) to James Lawson (care of Samuel Gregson, Canal Office,  
Lancaster). 30 Jun. 1794.
- 25.** Letter. William Forman (Soho) to James Lawson (Kirkmahoe, Dumfries). 23 Jul. 1794.
- 26.** Letter. Richard Humble (Middleton) to James Lawson (Rev. Lawson's, Dumfries).  
4 Aug. 1794.  
*Marked "Ans<sup>d</sup>. 4 Aug<sup>t</sup>."*
- 27.** Letter. Richard Humble (Middleton) to James Lawson (Rev. Lawson's, Dumfries).  
14 Aug. 1794.
- 28.** Letter. William Forman (Soho) to James Lawson (Kirkmahoe). 16 Aug. 1794.
- 29.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 10 Sep. 1794.
- 30.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott,  
Leeds). 6 Oct. 1794.
- 31.** Letter. John Southern (Soho) to James Lawson (Lawson (care of Wormald Fountain &  
Gott, Leeds). 11 Oct. 1794.
- 32.** Letter. George Lee [Manchester] to James Lawson (Benjamin Gott's, Leeds).  
12 Oct. 1794.
- 33.** Letter. John Southern (Soho) to James Lawson (Lawson (care of Wormald Fountain &  
Gott, Leeds). 20 Oct. 1794.

34. Letter. John Southern (Soho) to James Lawson (care of Mr. Chippindale, Salisbury Square, London). 16 Nov. 1794.
35. Letter. John Southern (Soho) to James Lawson (care of John Woodward, London). 26 Nov. 1794.
36. Letter. S. Lane (Manchester) to James Lawson (at Mr. Lee's, Salford). 4 Dec. 1794.
37. Letter. John Southern (Soho) to James Lawson (Post Office, Stockport). 8 Dec. 1794.
38. Letter. John Southern (Soho) to James Lawson (Post Office, Stockport). 11 Dec. 1794.
39. Letter. John Southern (Soho) to James Lawson (care of Joseph Bury, Stockport). 13 Dec. 1794.  
*On the same sheet:*  
Letter. James Watt Jr. (Soho) to James Lawson (Stockport). 13 Dec. 1794.
40. Transcript of letter. James Lawson (Stockport) to John Southern [Soho]. 15 Dec. 1794.
41. Letter. John Southern (Soho) to James Lawson (Post Office, Stockport). 18 Dec. 1794.

**3/280 James Lawson, letters to him, 1795 (73 items)**

1. Letter. James Watt Jr. (Soho) to James Lawson (care of George Lee, Salford). 6 Jan. 1795.
2. Letter. John Southern (Soho) to James Lawson (care of George Lee, Manchester). 10 Jan. 1795.
3. Letter. John Southern (Soho) to James Lawson (B. Gott's, Leeds). 16 Jan. 1795.
4. Letter. William Forman (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 20 Jan. 1795.
5. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 28 Jan. 1795.
6. Letter. George Lee [Manchester] to James Lawson (Benjamin Gott's, Leeds). 2 Feb. 1795.
7. Letter. John Southern (Soho) to James Lawson (care of Mr. Lee, Salford Twist Co., Manchester). 18 Feb. 1795.
8. Transcript of letter. James Lawson (Salford) to John Southern [Soho]. 22 Feb. 1795.
9. Letter. John Southern (Soho) to James Lawson (care of George Lee, Cotton Twist Manufactory, Salford). 24 Feb. 1795.
10. Letter. John Southern (Soho) to James Lawson (at George Lee's, Salford Cotton Twist Co., Manchester). 4 Mar. 1795.
11. Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 8 Mar. 1795.
12. Transcript of letter. Boulton & Watt (Soho) to the Assignees of Abraham Illingworth [Manchester]. 14 Mar. 1795.  
*In James Lawson's hand.*  
*Docketed "Copy of letter to the assigness of Mr. Illingworth."*

- 13.** Letter. James Watt Jr. (Soho) to James Lawson (Salford Twist Co., Manchester).  
14 Mar. 1795.
- 14.** Transcript of letter. James Lawson (Manchester) to John Southern [Soho]. 17 Mar. 1795.
- 15.** Transcript of letter. James Lawson (Manchester) to James Watt [Soho]. 19 Mar. 1795.
- 16.** Transcript of letter. James Lawson (Manchester) to James Watt Jr. [Soho]. 19 Mar. 1795.
- 17.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
19 Mar. 1795.
- 18.** Letter. John Southern (Soho) to James Lawson (care of John Taylor, Liverpool).  
23 Mar. 1795.
- 19.** Letter. James Watt Jr. (Soho) to James Lawson (care of John Taylor, Liverpool).  
28 Mar. 1795.
- 20.** Letter. John Southern (Soho) to James Lawson (care of John Taylor, Liverpool).  
25 Mar. 1795.  
*Docketed as 28 Mar.*
- 21.** Letter. James Watt Jr. (Soho) to James Lawson (care of Messrs. John Taylor & Co.,  
Liverpool). 31 Mar. 1795.
- 22.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
9 Apr. 1795.
- 23.** Letter. John Gilbert (Worsley) to James Lawson (at Mr. Lee's, Broken Bank, near  
Manchester). 13 Apr. 1795.
- 24.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
15 Apr. 1795.  
*On the same sheet:*  
Letter. John Southern (Soho) to James Lawson. 15 Apr. 1795.
- 25.** Letter. John Taylor (Liverpool) to James Lawson (at G. Lee's, Manchester). 20 Apr. 1795.
- 26.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
24 Apr. 1795.
- 27.** Letter. James Watt Jr. for Boulton & Watt (Soho) to the Assignees of Abraham Illingworth  
(Manchester). 24 Apr. 1795.  
*Sent with the letter to Lawson above.*  
*Docketed "Letter to assignees not sent."*
- 28.** Transcript of letter. James Lawson (Manchester) to James Watt Jr. [Soho]. 29 Apr. 1795.
- 29.** Letter. John Southern for Boulton & Watt (Soho) to the Salford Twist Co. (Manchester).  
2 May 1795.
- 30.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
3 May 1795.
- 31.** Letter. Peter Ewart (Soho) to James Lawson (care of George Lee, Salford Cotton Mill,  
Manchester). 4 May 1795.
- 32.** Letter. H. Lawson (York St.) to James Lawson (G. Lee's, Salford). 13 May 1795.  
*From Lawson's cousin. Re-directed to James Lawson at Soho.*

- 33.** Letter. George Lee [Manchester] to James Lawson (Soho). 14 May 1795.
- 34.** Letter. Benjamin Gott (Leeds) to James Lawson (Soho). 20 May 1795.
- 35.** Letter. John Southern (Lifford) to James Lawson (care of George Lee, Salford). 24 May 1795.
- 36.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 4 Jun. 1795.  
*The address and docket are on a separate wrapper.*
- 37.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 5 Jun. 1795. 2 sheet.  
*On the same sheets:*  
Copy of Messrs. Cox & Hall's Invoice.  
Copy of Mr. Wilkinson's Invoice of Messrs. Burden's Cylinder etc.  
Copy of Boulton & Watt's Invoice of Goods – Messrs. Burden's.  
*The copy invoices are detailed lists of engine parts, with prices.*  
*Docketed "Copies of invoices."*
- 38.** Letter. John Southern (Soho) to James Lawson (care of George Lee, Salford Twist Manufactory, Manchester). 5 Jun. 1795.  
*On the same sheet:*  
Letter. Peter Ewart [Soho] to James Lawson [Manchester]. 5 Jun. 1795.
- 39.** Transcript of letter. James Lawson (Manchester) to James Watt Jr. (Soho). 5 Jun. 1795.
- 40.** Letter. M. R. Boulton (London) to James Lawson (at George Lee's, Salford Twist Mill, Manchester). 6 Jun. 1795.  
*Re-directed to Lawson at Thomas Lowe's, Nottingham.*
- 41.** Letter. James Watt Jr. (Soho) to James Lawson (6 Green Lettice Lane). 15 Jun. 1795.
- 42.** Letter. James Watt Jr. (Soho) to James Lawson (6 Green Lettice Lane). 20 Jun. 1795.  
*Re-directed to Lawson at 27 York St., Westminster.*
- 43.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 22 Jun. 1795.  
*On the same sheet:*  
Letter. Peter Ewart [Soho] to James Lawson. 22 Jun. 1795.
- 44.** Letter. George Lee (Matlock) to James Lawson (6 Green Lettice Lane, London). 24 Jun. 1795.  
*Re-directed to Lawson at 27 York St.*
- 45.** Letter. Benjamin Gott (Leeds) to James Lawson (at John Rennie's, 27 York St.). 2 Jul. 1795.
- 46.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 3 Jul. 1795.
- 47.** Letter. John Southern (Soho) to James Lawson (27 York St., Westminster). 8 Jul. 1795.
- 48.** Letter. Benjamin Gott (Leeds) to James Lawson [London]. 11 Jul. 1795.
- 49.** Letter. William Forman (Soho) to James Lawson (27 York St., Westminster). 11 Jul. 1795.

- 50.** Letter. William Creighton (Soho) to James Lawson (27 York St., Westminster).  
20 Jul. 1795.  
*On the same sheet:*  
3 pen & wash drawings of boiler for Mr. Wisset.
- 51.** Letter. William Forman (Soho) to James Lawson (27 York St., Westminster).  
23 Jul. 1795.
- 52.** Letter. John Southern (Soho) to James Lawson (27 York St., Westminster). 4 Aug. 1795.  
*On the same sheet:*  
Letter. James Watt Jr. [Soho] to James Lawson (Westminster). 4 Aug. 1795.
- 53.** Letter. John Southern [Soho] to James Lawson (27 York St., Westminster). 6 Aug. 1795.
- 54.** Letter. John Southern (Soho) to James Lawson (27 York St., Westminster). 24 Aug. 1795.
- 55.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 3 Sep. 1795.  
*On the same sheet:*  
Transcript of letter. John Southern for Boulton & Watt (Soho) to Ramsbottom & Co.  
[Windsor]. 21 Aug. 1795.
- 56.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 16 Sep.  
1795.
- 57.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (27 York St.,  
Westminster). 24 Sep. 1795.
- 58.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 30 Sep.  
1795.  
*On the same sheet:*  
Six transcripts, as follows:  
Boulton & Watt (Soho) to Thomas Griffith [London]. 14 Jul. 1795.  
Thomas Griffith (Southwark) to Boulton & Watt [Soho]. 22 Jul. 1795.  
John Southern for Boulton & Watt to Thomas Griffith [Southwark]. 4 Aug. 1795.  
List of Goods to be furnished to the Borough Water Works by Boulton & Watt for £520. Soho,  
4. Aug. 1795.  
Thomas Griffith (Southwark) to Boulton & Watt [Soho]. 21 Sep. 1795.  
Boulton & Watt [Soho] to Thomas Griffith [Southwark]. — Sep. 1795.  
*Docketed "Copies of Griffith's correspondence."*
- 59a.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 2 Oct.  
1795.  
*Enclosing (b) below. Docketed "Griffith's correspondence."*
- b.** Transcripts of letters (press copies). Transcripts of 2 letters, over 2 sheets, as follows:  
Thomas Griffith (London) to Boulton & Watt [Soho]. 28 Sep. 1795.  
James Watt Jr. for Boulton Watt & Co. (Soho) to Thomas Griffith (London). 2 Oct. 1795.
- 60.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (27 York St.,  
Westminster). 8 Oct. 1795.  
*Docketed "B&W with drawings for the Borough Water Works."*
- 61.** Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 13 Oct.  
1795.  
*On the same sheet:*  
Transcript of letter. Robert Barclay (Norwich) to Boulton & Watt. 7 Oct. 1795.
- 62.** Letter. George Lee (Manchester) to James Lawson (27 York St., Westminster).  
13 Oct. 1795.

63. Letter. William Forman (Soho) to James Lawson (27 York St., Westminster). 19 Oct. 1795.
64. Letter. George Lee (Manchester) to James Lawson (27 York St., Westminster). 20 Oct. 1795.
65. Letter. Francis Crowder (Soho) to James Lawson (27 York St., Petty France, Westminster). 21 Oct. 1795.
66. Letter. Peter Ewart (Soho) to James Lawson (27 York St., Westminster). 22 Oct. 1795.
67. Letter. William Forman (Soho) to James Lawson (27 York St., Westminster). 28 Oct. 1795.
68. Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 2 Nov. 1795.
69. Letter. Sawyer Spence (Gun Dock) to James Lawson (27 York St., Westminster). 3 Nov. 1795.
70. Letter. James Watt Jr. (Soho) to James Lawson (27 York St., Westminster). 3 Nov. 1795.
71. Letter. Benjamin Gott (Leeds) to James Lawson (Soho). 13 Dec. 1795.
72. Letter. James Watt Jr. (Soho) to James Lawson (13 London St.). 16 Dec. 1795.
73. Letter. M. R. Boulton (Soho) to James Lawson (13 London St.). 23 Dec. 1795. *Wants a replacement filament for his hygrometer. Mr. Lee wants a hygrometer.*

**3/281 James Lawson, letters to him, 1796 (93 items)**

1. Memorandum. Pirate engines seen by Lawson in London on 30 & 31 Dec. 1795. *In Lawson's hand. Docketed "Engine memorandums."*
2. Memorandum. Conversation with Maberley and Hornblower. London, 4 Jan. 1796. *In Lawson's hand.*
3. Letter. John Southern (Soho) to James Lawson (13 London St.). 6 Jan. 1796. *Marked "Ans<sup>d</sup> 7 Jan."*
4. Letter. Benjamin Gott (Leeds) to James Lawson (A. & J. Weston's, 38 Fenchurch St.). 6 Jan. 1796.
5. Memorandum. Sutton & Sharpe's engine. London, 16 Jan. 1796.
6. Letter. John Southern (Soho) to James Lawson [Leeds]. 27 Jan. 1796.
7. Letter. John Southern (Soho) to James Lawson ("To wait, with Benjamin Gott, Leeds"). 28 Jan. 1796.
8. Letter. William Forman (Soho) to James Lawson [Leeds]. 9 Feb. 1796.
9. Letter. Peter Ewart (Halifax) to James Lawson (care of Benjamin Gott, Leeds). 11 Feb. 1796.
10. Letter. James Watt Jr. (Newcastle) to Benjamin Gott (Leeds). 12 Feb. 1796. *The letter is docketed in Lawson's hand, so presumably Gott passed the letter to him.*
11. Letter. James Watt Jr. (Newcastle) to James Lawson (care of Benjamin Gott, Leeds). 15 Feb. 1796.

- 12.** Letter. John Southern (Soho) to James Lawson (at Benjamin Gott's, Leeds).  
17 Feb. 1796.
- 13.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 18 Feb. 1796.
- 14.** Memorandums from Mr. William Wainman of Shipley, near Leeds. 20 Feb. 1796.  
*Docketed "Answered same day."*
- 15.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
29 Feb. 1796.
- 16.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
2 Mar. 1796.  
*The inside of the letter is directed to Lawson at Leeds.*
- 17a.** Transcript of letter. James Lawson (Stockport) to James Watt Jr. [Soho]. 2 Mar. 1796.  
*Kept with (b) below.*
- b.** Transcript of letter. John Dumbell (Mersey Mills) to Thomas Jones [Manchester].  
29 Feb. 1796.
- 18.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
3 Mar. 1796.
- 19.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
4 Mar. 1796.
- 20.** Letter. William Clegg (Oldham) to James Lawson (with George Lee, Salford). 4 Mar. 1796.  
*Lawson had used the sheet for notes on his treatment of his sore throat.*
- 21.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
8 Mar. 1796.  
*On the same sheet:*  
Draft of letter. Boulton & Watt to John Dumbell (Warrington). 17 Mar. 1796.  
Accounts against John Dumbell and Abraham Illingworth.  
*Docketed "With copy to Dumbell."*
- 22.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
10 Mar. 1796.
- 23.** Letter. John Southern (Soho) to James Lawson (care of George Lee, Salford Twist Co., Manchester). 10 Mar. 1796.
- 24.** Memorandum. Daniel Lees' engine at Oldham. 10 Mar. 1796.  
*Also marked on the back "Memorandum taken at Oldham from Mr. Daniel Lees and T. Livesey."*
- 25.** Letter. S. B. Haas (London) to James Lawson (at G. Lee's, Salford). 10 Mar. 1796.
- 26.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
14 Mar. 1796. 2 sheets.  
*On the second sheet:*  
Transcript of letter. Daniel Lees (Oldham) to Boulton & Watt. 11 Mar. 1796.  
*Docketed "Copy of D. Lees'."*
- 27.** Letter. John Southern (Soho) to James Lawson [Manchester]. 14 Mar. 1796.

- 28.** Letter. Marshall & Benyons (Leeds) to James Lawson (George Lee's, Salford).  
14 Mar. 1796.
- 29.** Letter. John Cockshott (Baildon) to James Lawson (at George Lee's, Salford).  
16 Mar. 1796.
- 30.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
17 Mar. 1796.
- 31.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
18 Mar. 1796.  
*Docketed "Enclosing account of C. Lees & Co."*
- 32a.** Letter. S. B. Haas (London) to James Lawson (at G. Lee's, Salford). 19 Mar. 1796.  
*Kept with (b) below.*  
*Docketed "With account of barometer and 2 hygrometers."*
- b.** Bill. S. B. Haas' bill for a barometer, thermometer, magnifier, 2 of de Luc's hygrometers.  
18 Mar. 1796.
- 33.** Letter. William Kelly (Cotton Mills, New Lanark) to James Lawson (George Lee's, Salford).  
19 Mar. 1796.
- 34a** Letter. John Woodward (13 London St.) to James Lawson [Manchester]. 21 Mar. 1796.  
*Enclosing (b) below.*
- b.** Bill. James Looker's bill to John Woodward for razors, strops etc. 21 Mar. 1796.  
*For razors ordered by Lawson through John Woodward in the London office.*
- 35.** Letter. Alexander Rooth for Joseph Bury (Stockport) to James Lawson (at Mr. Lee's, Salford Cotton Mill, Manchester). 22 Mar. 1796.  
*Docketed "About Mr. Bury's boiler."*
- 36.** Letter. William Wainman (Carhead) to James Lawson [Manchester]. 22 Mar. 1796.  
*Marked "Engine at Dowgate Hill."*
- 37.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
24 Mar. 1796.
- 38.** Letter. Michael Williamson (Leeds) to James Lawson (care of George Lee, Manchester).  
25 Mar. 1796.  
*Docketed as Mr. Wainman.*
- 39a** Transcript of letter. James Lawson (Stockport) to James Watt Jr. (Soho). 25 Mar. 1796.  
*Kept with (b) below. Docketed "Rough copies to JW."*
- b.** Transcript of letter. James Lawson (Bolton) to James Watt Jr. [Soho]. 22 Mar. 1796.  
2 sheets.
- 40.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester).  
27 Mar. 1796.
- 41.** Letter. James Watt Jr. (Soho) to James Lawson (care of Benjamin Gott, Leeds).  
29 Mar. 1796.
- 42.** Letter. James Watt Jr. (Soho) to James Lawson (care of Benjamin Gott, Leeds).  
30 Mar. 1796.
- 43.** Letter. George Lee [Manchester] to James Lawson (Benjamin Gott's, Leeds).  
"Thursday Morning" [31 Mar. 1796].

- 44.** Letter. George Lee [Manchester] to James Lawson (Benjamin Gott's Leeds).  
"Friday Night" [1 Apr. 1796?].
- 45.** Letter. William Wainman (Carhead) to James Lawson (at Mr. Gott's, Leeds). 3 Apr. 1796.  
*Re-directed to Lawson care of A. & J. Weston, London.*
- 46.** Letter. Archibald Lawson (Glasgow) to James Lawson (G. Lee's, Salford). 6 Apr. 1796.
- 47.** Letter. Benjamin Gott [Leeds] to James Lawson (Soho). 6 Apr. 1796.
- 48.** Letter. Archibald Lawson Sr. (Kirkmahoe) to James Lawson (Manchester). 9 Apr. 1796.  
*Docketed "Father."*
- 49.** Letter. John Southern (Soho) to James Lawson (13 London St.). 11 Apr. 1796.
- 50.** Letter. George Lee (Manchester) to James Lawson (13 London St.). 12 Apr. 1796.
- 51.** Letter. James Watt Jr. (Soho) to James Lawson (London). 18 Apr. 1796.
- 52.** Letter. M. R. Boulton (Soho) to John Woodward (13 London St.). 18 Apr. 1796.  
*Woodward passed this letter requesting Lawson to inspect Thrale & Co.'s engine. to Lawson.*
- 53.** Letter. Alexander Rooth for Joseph Bury (Stockport) to James Lawson (at Mr. Lee's, Stockport Cotton Mill, Manchester). 19 Apr. 1796.
- 54.** Letter. John Southern (Soho) to James Lawson (London). 21 Apr. 1796.
- 55.** Letter. George Lee (Manchester) to James Lawson (13 London St.). 21 Apr. 1796.
- 56.** Letter. James Watt Jr. (Soho) to James Lawson (13 London St.). 24 Apr. 1796.
- 57.** Letter. John Southern (Soho) to James Lawson (13 London St.). 16 May 1796.
- 58.** Letter. James Watt Jr. (London) to James Lawson (Newcastle). 26 May 1796.
- 59.** Letter. James Watt Jr. (Glasgow) to James Lawson (care of Benjamin Gott, Leeds).  
18 Jun. 1796.
- 60.** Letter. M. R. Boulton (Manchester) to James Lawson (Fountain Wormald & Gott's, Leeds). 20 Jun. 1796.  
*He and James Watt Jr. will join Lawson in Leeds. Frustrations in Manchester.*
- 61.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds).  
21 Jun. 1796.
- 62a.** Letter. John Southern (Soho) to James Lawson [Leeds]. 26 Jun. 1796.  
*Enclosing (b) below.*
- b.** Letter. John Southern for Boulton & Watt (Soho) to Jeremiah Walker (Royd's Colliery, Leeds). 18 Jun. 1796.  
*Marked "No such person at Royd's Hall near Bradford, no such a colliery near Bradford. Back to Birmingham for better directions."*
- 63.** Letter. John Southern (Soho) to James Lawson [Leeds]. 27 Jun. 1796.
- 64.** Letter. William Forman (Soho) to James Lawson (at Benjamin Gott's, Leeds).  
27 Jun. 1796.  
*On the same sheet:*  
Letter. G. Kirkpatrick (5 Seymore Court, Chandos St., St. Martin's Lane, London) to James Lawson (Soho). 20 Jun. 1796.

- 65. Letter.** John Southern (Soho) to James Lawson (Benjamin Gott's, Leeds). 2 Jul. 1796.
- 66.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds). 4 Jul. 1796.
- 67.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds). 5 Jul. 1796.
- 68.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds). 7 Jul. 1796.  
*On the same sheet:*  
Letter. William Tate (Pimlico) to John Southern (Soho). 5 Jul. 1796.
- 69.** Letter. James Watt Jr. (Soho) to James Lawson (care of Benjamin Gott, Leeds). 10 Jul. 1796.
- 70.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds). 11 Jul. 1796.
- 71.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 12 Jul. 1796.
- 72.** Letter. John Southern (Soho) to James Lawson (care of Salford Twist Co., Manchester). 15 Jul. 1796.
- 73.** Letter. M. R. Boulton (Soho) to James Lawson (Mr. Lee's, Salford Twist Co.). 20 Jul. 1796.  
*Outstanding accounts in Manchester. Applications for estimates. Payments from Fenner & Flint and law costs from Maberley. Division between Trevithick Sr. and Bull. Other tasks for Lawson in Manchester.*
- 74.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds). 21 Jul. 1796.
- 75.** Letter. John Rennie (Garstang) to James Lawson (Wormald & Gott's, Leeds). 27 Jul. 1796.  
*Re-directed to Lawson at George Lee's, Salford.*
- 76.** Letter. John Rennie (Lancaster) to James Lawson (Salford Twist Co., Manchester). 30 Jul. 1796.
- 77.** Letter. John Southern (Soho) to James Lawson (George Lee's, Salford Twist Co., Manchester). 5 Aug. 1796.  
*On the same sheet:*  
Letter. M. R. Boulton (Soho) to James Lawson (Manchester). 5 Aug. 1796.
- 78.** Letter. John Southern (Soho) to James Lawson (Salford Twist Co., Manchester). 13 Aug. 1796.
- 79.** Letter. James Watt Jr. (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 15 Aug. 1796.
- 80.** Letter. James Pearson (Soho) to James Lawson (Rev. Mr. Lawson's, Kirkmahoe). 7 Sep. 1796.
- 81.** Letter. James Watt Jr. (Truro) to James Lawson (at the Revd. Mr. Lawson's, nr. Dumfries). 8 Sep. 1796.

- 82.** Letter. John Southern (Soho) to James Lawson (care of Revd. Mr. Lawson, Dumfries). 19 Sep. 1796.
- 83.** Letter. John Southern (Soho) to James Lawson (Revd. Mr. Lawson's, Dumfries). 22 Sep. 1796.
- 84.** Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 1 Oct. 1796.
- 85.** Letter. James Watt Jr. (Soho) to James Lawson (care of Thomas Barnes, Walker Office, Newcastle). 8 Oct. 1796.
- 86a.** Letter. James Watt Jr. (Soho) to James Lawson or John Southern (care of Benjamin Gott, Leeds). 27 Oct. 1796.  
*Kept with (b) below.*
- b.** Transcript of letter. James Watt Jr. (Soho) to Richard Paley [Leeds]. 27 Jul. 1796.
- 87.** Letter. James Watt Jr. (Soho) to James Lawson & John Southern (care of Benjamin Gott, Leeds). 1 Nov. 1796.
- 88.** Letter. William Forman (Soho) to James Lawson [Leeds]. 1 Nov. 1796.
- 89.** Letter. James Watt Jr. (Soho) to James Lawson (care of Benjamin Gott, Leeds). 7 Nov. 1796.
- 90.** Letter. James Watt Jr. (Soho Foundry) to James Lawson (care of Benjamin Gott, Leeds). 16 Nov. 1796.
- 91.** Letter. James Watt Jr. (London) to James Lawson (care of Benjamin Gott, Leeds). 22 Nov. 1796.
- 92.** Letter. John Southern (Soho) to James Lawson (care of Benjamin Gott, Leeds). 22 Nov. 1796.
- 93.** Memorandum. Affidavit of R. Keyton of Manchester about Richard Bradley's engine. Not dated. *In Lawson's hand.*

INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY  
Series One: The Boulton and Watt Archive and the Matthew Boulton Papers  
from Birmingham Central Library  
Part 12: Boulton & Watt Correspondence and Papers (MS 3147/3/1-79)

DETAILED LISTING

**REEL 220**

**3/282 James Lawson, letters to him, 1797 (67 items)**

1. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (Post Office, Newcastle under Lyne). 3 Jan. 1797.
2. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Messrs. Wormald, Fountain & Gott, Leeds). 26 Jan. 1797.
3. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of Benjamin Gott, Leeds). 30 Jan. 1797.
4. Letter. Thomas Wilson Jr. for Boulton & Watt (Soho) to M. & J. Bateson (Wortley). 31 Jan. 1797.  
*Docketed by Lawson.*  
*Docketed "Account of sun and planet wheel."*
5. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 3 Feb. 1797.
6. Letter. John Southern (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 8 Feb. 1797.  
*On the same sheet:*  
Sketches. Plan and section of steam pipes and boiler for Nevins & Gatliff.
7. Letter. William Forman (Soho) to James Lawson (at Benjamin Gott's, Leeds). 11 Feb. 1797.
8. Letter. John Southern (Soho) to James Lawson (Mr. Idle's, Boar Lane, Leeds). 13 Feb. 1797.
9. Memorandum. Messrs. Nussey's Drawings. Soho, 14 Feb. 1797.  
*In John Southern's hand.*
10. Letter. James Watt Jr. (Soho) to James Lawson (care of Benjamin Gott, Leeds). 18 Feb. 1797.
11. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 21 Feb. 1797.  
*Mis-docketed as 2 Feb. Marked "Ans<sup>d</sup>. 24 Feb. 1797."*
12. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 22 Feb. 1797.  
*On the same sheet:*  
Transcript of letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson [Leeds]. 21 Feb. 1797.
13. Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 25 Feb. 1797.

- 14.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 7 Mar. 1797.
- 15.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson [Leeds]. 10 Mar. 1797. *The address has been torn away.*
- 16.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 16 Mar. 1797.  
*Marked "Ans<sup>d</sup>. 19 March 1797."*
- 17.** Letter. Edward Asling (9 Throgmorton St., London) to James Lawson (Leeds). 23 Mar. 1797.
- 18.** Letter. James Watt Jr. (Soho) to James Lawson (care of Thomas Idle, Boar Lane, Leeds). 24 Mar. 1797.
- 19.** Letter. James Watt Jr. (Soho) to James Lawson (care of Watson Myers & Co., Preston). 28 Mar. 1797.
- 20.** Letter. John Southern (Soho) to James Lawson (care of Watson Myers & Russel, Preston). 28 Mar. 1797.  
*Dated by Southern as 18 Mar. On the same sheet:*  
Sketch. Arrangement of steam pipes for Messrs. Nussey.
- 21.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (—). 30 Mar. 1797.
- 22.** Letter. William Forman (Soho) to James Lawson (Mr. Idle's, Boar Lane, Leeds). 4 Apr. 1797.  
*On the same sheet:*  
Transcript of letter. Gregory Watt for Boulton & Watt (Soho) to Nussey & Co. (—). 4 Apr. 1797.  
Letter. John Southern (Soho) to James Lawson. 4 Apr. 1797.
- 23.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 6 Apr. 1797.
- 24.** Letter. John Southern (Soho) to James Lawson [Leeds]. 8 Apr. 1797.
- 25.** Letter. William Forman (Soho) to James Lawson (Mr. Idle's, Boar Lane, Leeds). 11 Apr. 1797.
- 26.** Letter. James Watt Jr. (Soho) to James Lawson (care of Watson Myers & Co., Preston). 17 Apr. 1797.
- 27.** Letter. James Watt Jr. (Soho) to James Lawson (care of Watson Myers & Co., Preston). 21 Apr. 1797.
- 28.** Letter. Michael Wheatley (Preston) to James Lawson (Leeds). 27 Apr. 1797.
- 29.** Letter. James Watt Jr. (Soho) to James Lawson (care of Mr. Idle, Boar Lane, Leeds). 28 Apr. 1797.
- 30.** Letter. Archibald Lawson (Glasgow) to James Lawson (care of Wormald Fountain & Gott, Leeds). 28 Apr. 1797.
- 31.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 1 May 1797 [?].  
*Dated and docketed as 31 Apr.*

- 32.** Letter. James Watt Jr. (Soho) to James Lawson (care of Mr. Idle, Boar Lane, Leeds). 14 May 1797. 2 sheets.  
*Re-directed to Lawson care of Miss Morrison, Dumfries.*
- 33.** Letter. Wilkinson Holdforth & Co. (Leeds) to James Lawson (Smith Lawson & Co., Glasgow). 26 May 1797.  
*Re-directed to Lawson care of Rev. Scott, Dumfries.*  
*On the same sheet:*  
Letter. William Brunton (Leeds) to James Lawson (Glasgow). 25 May 1797.
- 34.** Letter. Edward Asling (9 Throgmorton St., London) to James Lawson (Leeds). 23 Mar. 1797.  
*On the same sheet:*  
Account. James Lawson debtor to Asling & Hanson for "Mounting a picture in gold."
- 35.** Letter. Mr. — Brooke (Hull Bank) to James Lawson (care of Wormald & Gott, Leeds). 31 May 1797.  
*Re-directed to Lawson at Mrs. Lawson's, nr. Dumfries.*
- 36.** Letter. James Watt Jr. (Soho) to James Lawson (care of Miss Morison, Dumfries). 5 Jun. 1797.  
*Re-directed to Lawson care of James & Robert Watson, Bankers, Glasgow.*
- 37.** Transcript of letter. James Lawson (Glasgow) to Holdforth & Co. [Leeds]. 6 Jun. 1797.
- 38.** Letter. John Rennie (Hungerford) to James Lawson (Soho). 15 Jun. 1797.
- 39.** Letter. James Watt Jr. (Soho) to James Lawson (Walker Office, Newcastle). 17 Jun. 1797.
- 40.** Letter. George Lee (Manchester) to James Lawson (Walker Office, Newcastle). 26 Jun. 1797.
- 41.** Letter. Susie Lawson (Glasgow) to James Lawson (Walker Office, Newcastle). 6 Jul. 1797.  
*Re-directed to Mr. Lawson at Mr. Gott's, Leeds.*
- 42.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. G. Idle's, Boar Lane, Leeds). 10 Jul. 1797.
- 43.** Letter. John Southern (Newcastle) to James Lawson (Mr. Idle's, Boar Lane, Leeds). 13 Jul. 1797.
- 44.** Transcript of letter. James Lawson (Leeds) to M. R. Boulton [Soho]. 14 Jul. 1797.
- 45.** Transcript of letter. James Lawson (Leeds) to M. R. Boulton (Soho). 15 Jul. 1797.
- 46.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 28 Jul. 1797.
- 47.** Transcript of letter. James Lawson (Leeds) to Boulton & Watt [Soho]. 3 Aug. 1797.
- 48a.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 6 Aug. 1797.  
*Enclosing (b) below.*
- b.** Memorandum. Extract of a letter to Mr. John Southern at Manchester, 28 Oct. 1796.
- 49.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 26 Aug. 1797.

- 50.** Letter. James Watt Jr. (Soho) to James Lawson (care of James Robinson, Papplewick). 31 Aug. 1797.  
*On the same sheet:*  
Notes on consumption of coal of Papplewick engine, by Lawson. 6 Sep. 1797.
- 51.** Transcript of letter. James Lawson (Papplewick) to James Robinson [Papplewick]. 8 Sep. 1797.
- 52.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of Messrs. Walker Thompson & Ward, Manchester). 8 Sep. 1797.
- 53.** Letter. M. R. Boulton (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 7 Oct. 1797.
- 53.** Letter. William Foster (Ravenhead) to James Lawson (care of the Salford Engine Twist Co., Manchester). 15 Oct. 1797.
- 54.** Letter. John Southern (Soho) to James Lawson [Salford]. 20 Oct. 1797.
- 55.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 20 Oct. 1797.
- 56.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 24 Oct. 1797.
- 57.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 30 Oct. 1797.
- 58.** Letter. John Southern (Soho) to James Lawson [Salford]. 7 Nov. 1797.
- 59.** Letter. M. R. Boulton (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 10 Nov. 1797.
- 60.** Letter. John Southern (Soho) to James Lawson (care of Mr. Lee, Salford Cotton Twist Co., Manchester). 11 Nov. 1797.
- 61.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 13 Nov. 1797.
- 62.** Transcript of letter. James Lawson (Manchester) to John Southern [Soho]. 14 Nov. 1797.
- 63.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 17 Nov. 1797.
- 64.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (Boar Lane, Leeds). 1 Dec. 1797.  
*Dated and docketed as 31 Nov.*
- 65.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at Mr. Idle's, Boar Lane, Leeds). 6 Dec. 1797.
- 66.** Transcript of letter. James Lawson (Leeds) to M. R. Boulton [Soho]. 11 Dec. 1797.
- 67.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 19 Dec. 1797. *Re-directed to Lawson at Soho.*

**3/283 James Lawson, letters to him, 1798 (66 items)**

1. Memorandum. Messrs. J. Homfray of Penydarren Iron Works, nr. Cardiff. 19 Jan. 1798.  
*In M. R. Boulton's hand.*
2. Memorandum. Minutes for Mr. Lawson. 12 Feb. 1798.  
*In James Watt Jr.'s hand.*
3. Letter. James Watt Jr. (Soho) to James Lawson (care of Mr. Wilson, Truro). 13 Feb. 1798.
4. Letter. James Watt Jr. (Soho) to James Lawson (at Messrs. Weston's, 38 Fenchurch St., London). 25 Feb. 1798.
5. Letter. James Watt Jr. (Soho) to James Lawson (13 London St.). 1 Mar. 1798.
6. Letter. James Watt Jr. (Soho Foundry) to James Lawson (13 London St.). 4 Mar. 1798.
7. Letter. George Lee (Manchester) to James Lawson (Soho). 5 Mar. 1798.  
*On the same sheet:*  
Letter. George Lee (Manchester) to James Lawson. 17 Feb. 1798.  
Memorandum. Queries for the Demonstration of Messrs. Southern and Lawson.
8. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (13 London St.).  
6 Mar. 1798.
9. Letter. James Watt Jr. (Soho) to James Lawson (13 London St.). 19 Mar. 1798.
10. Letter. George Lee (Manchester) to James Lawson (Soho). 6 Apr. 1798.
11. Letter. Archibald Lawson (Glasgow) to James Lawson (Soho). 13 Jun. 1798.  
*Re-directed to Lawson care of Wormald & Gott, Leeds.*  
*Docketed "Brother."*
12. Letter. Susie Lawson (Glasgow) to James Lawson (George Lee's, Salford). 18 Jun. 1798.  
*Docketed "Sister."*
13. Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Salford). 19 Jun. 1798.
14. Letter. M. R. Boulton (Soho) to James Lawson (care of the Salford Twist Co., Salford).  
22 Jun. 1798.
15. Letter. James Watt Jr. (Newcastle) to James Lawson [Manchester]. 24 Jun. 1798.
- 16a. Transcript of letter. Isaac Perrins [Manchester] to B. Outram [Marsden]. 26 Jun. 1798.  
*Kept with (b) below.*  
*Docketed by Lawson "Copy of Perrins to Mr. Outram."*
- b. Letter. B. Outram (Davenport's Inn, Marsden) to Isaac Perrins (at the steam engine nr.  
Newton Lane, Manchester). 25 Jun. 1798.  
*Docketed in Lawson's hand. Kept with (b) below.*
17. Letter. M. R. Boulton (Soho) to James Lawson (care of the Salford Twist Co., Salford). 28  
Jun. 1798.
18. Letter. John Southern (Soho) to James Lawson [Manchester]. 3 Jul. 1798.

- 19.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Salford). 4 Jul. 1798.  
*On the same sheet:*  
Account. Barrow Lees & Co. debtors to Boulton & Watt. 24 Oct. 1797—7 Jan. 1798.  
Account. Edward Dean debtor to Boulton & Watt. 10 May —25 Jun. 1798.  
*The accounts are in James Pearson's hand.*
- 20.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Salford). 7 Jul. 1798.  
*On the same sheet:*  
Transcript of letter. James Pearson for Boulton & Watt (Soho) to J. Bury [Manchester]. 18 Mar. 1795.
- 21.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (at G. Idle's, Boar Lane, Leeds). 11 Jul. 1798.
- 22.** Letter. James Watt Jr. (Edinburgh) to James Lawson (care of Wormald's & Co., Leeds). 17 Jul. 1798.
- 23.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (Post Office, Leeds). 18 Jul. 1798.
- 24.** Letter. M. R. Boulton (Soho) to James Lawson (at G. Idle's, Boar Lane, Leeds). 20 Jul. 1798.
- 25.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (Post Office, Leeds). 24 Jul. 1798.
- 26.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (Post Office, Leeds). 26 Jul. 1798.
- 27.** Letter. John Southern (Soho) to James Lawson (care of Salford Twist Co., Manchester). 3 Aug. 1798.
- 28.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 9 Aug. 1798.
- 29.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 14 Aug. 1798.
- 30.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 18 Aug. 1798.
- 31.** Letter. James Watt Jr. (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 19 Aug. 1798.
- 32.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 21 Aug. 1798.
- 33.** Letter. James Watt Jr. (Soho) to James Lawson "or in his absence Mr. Lee" (Salford Twist Co., Manchester). 23 Aug. 1798.
- 34.** Letter. James Watt Jr. (Soho) to James Lawson (care of Homfrays & Co., Penydarren Iron Works). 4 Sep. 1798.
- 35.** Letter. Asling & Hanson (London) to James Lawson (Soho). 10 Sep. 1798.  
*The direction to Soho has been crossed out.*
- 36.** Letter. James Watt Jr. (Soho) to James Lawson (care of Homfrays & Co., Penydarren Iron Works). 12 Sep. 1798.

- 37.** Letter. Davison & Hawkesley (Arnold Mill) to James Lawson [Wales]. 14 Sep. 1798.
- 38.** Memorandum. Upper work, Cyfarthfa Iron Works. 18 Sep. 1798.  
*In Lawson's hand.*
- 39a.** Letter. John Southern (Soho) to James Lawson (care of William Taitt). 22 Sep. 1798.  
*Enclosing (b) below.*
- b.** Drawing. Injection gear of William Taitt's engine. Drawing coded EAI. 22 Sep. 1798.
- 40a.** Letter. James Watt Jr. (Soho) to James Lawson (George Lee, Salford Mill, Manchester). 15 Oct. 1798.  
*Enclosing (b) below. On the same sheet:*  
Transcript of letter. Boulton & Watt to Charles Udale (Workington). 10 Oct. 1798.  
*The transcript appears to be incomplete, so this letter may be missing a second sheet.*
- b.** Memorandum. Mr. Curwen's Engines for Mr. Lawson. 13 Oct. 1798.  
*In James Watt Jr.'s hand.*
- 41.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 16 Oct. 1798.
- 42.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 19 Oct. 1798.
- 43.** Letter. Jos. Sykes (Stockport) to James Lawson (at George Lee's, Salford). 20 Oct. 1798.
- 44.** Letter. John Southern (Soho) to James Lawson [Manchester]. 23 Oct. 1798.
- 45.** Letter. James Watt Jr. (Soho) to James Lawson (care of Charles Udale, Workington). 2 Nov. 1798.
- 46.** Letter. James Watt Jr. (Soho) to James Lawson (care of Charles Udale, Workington). 5 Nov. 1798.
- 47.** Memorandum. Observations on the Engines of J. C. Curwen Esq. Workington, 6 Nov. 1798.  
*In Lawson's hand.*
- 48.** Letter. George Lee (Manchester) to James Lawson (Post Office, Workington). 9 Nov. 1798.
- 49.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of Christian Curwen, Workington). 13 Nov. 1798.
- 50.** Letter. James Watt Jr. (London St.) to James Lawson (care of Charles Udale, Workington). 14 Nov. 1798.
- 51.** Letter. M. R. Boulton (Soho) to James Lawson (care of Thomas Barnes, Walker Office, Newcastle). 22 Nov. 1798.
- 52.** Letter. M. R. Boulton (Soho) to James Lawson (care of Thomas Barnes, Walker Office, Newcastle). 24 Nov. 1798.
- 53.** Letter. James Watt Jr. (London) to James Lawson (care of Thomas Barnes, Walker Office, Newcastle). 24 Nov. 1798.

- 54.** Letter. M. R. Boulton (Soho) to James Lawson (care of Thomas Barnes, Walker Office, Newcastle). 25 Nov. 1798.  
*Mis-dated as 26 Nov. by M. R. Boulton – he mentions it being Sunday, and 26 Nov. was a Monday.*
- 55.** Letter. M. R. Boulton for Boulton & Watt (Soho) to James Lawson (care of Thomas Barnes, Walker Office, Newcastle). 26 Nov. 1798. 2 sheets.  
*On the first sheet:*  
Transcript of account. John Stein debtor to Boulton & Watt. 6 Mar.—10 Aug. 1798.  
Transcript of letter. James Watt Jr. for Boulton & Watt to John Stein. 31 Aug. 1798.
- 56.** Letter. M. R. Boulton (Soho) to James Lawson (care of Gilbert Hamilton, Glasgow). 5 Dec. 1798.
- 57.** Letter. George Lee (Manchester) to James Lawson (Mr. Lawson's, Glasgow). 15 Dec. 1798.
- 58a.** Letter. M. R. Boulton (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 22 Dec. 1798.  
*Enclosing (b) and (c) below.*
- b.** Letter. Hugh Baird (Canal Basin, nr. Glasgow) to James Watt (Soho). 10 Dec. 1798.  
*Docketed by Lawson.*
- c.** Letter. M. R. Boulton for Boulton & Watt (Soho) to H. Baird (—). 22 Dec. 1798.  
*Docketed "To H. Baird. Not sent."*
- 59.** Letter. M. R. Boulton (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 23 Dec. 1798.
- 60.** Letter. M. R. Boulton (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 27 Dec. 1798.
- 61.** Letter. William Brunton (Workington) to James Lawson (care of Smith Lawson & Co., Glasgow). 30 Dec. 1798.
- 62.** Letter. George Lee (Manchester) to James Lawson [Glasgow]. 30 Dec. 1798.<sup>></sup>
- 63.** Letter. M. R. Boulton (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 31 Dec. 1798.
- 64.** Letter. George Lee [Manchester] to James Lawson [Manchester?]. Not dated.<sup>></sup>  
*On the same sheet:*  
Sketch of a wheel?
- 65.** Memorandum. A note of the diameter, weight and price of pipes 9 feet long. Not dated.
- 66.** Memorandum. Description of the contents of the bundle formerly at Box 38/5.  
*This note is by a much later custodian of the archives, possibly from Tangye's or the Library.*
- 3/284 James Lawson, letters to him, 1799 (70 items)**
- 1.** Letter. M. R. Boulton (Soho) to James Lawson (at Messrs. Smith Lawson & Co., Glasgow). 3 Jan. 1799.
- 2.** Letter. John Southern (Soho) to James Lawson (Glasgow). 3 Jan. 1799.
- 3.** Letter. William Brunton (Workington) to James Lawson (Smith Lawson & Co., Glasgow). 14 Jan. 1799.  
*Re-directed to Lawson care of the Rev. Scott, Dumfries.*

- 4.** Letter. M. R. Boulton (Soho) to James Lawson (care of Charles Udale, Workington Hall). 26 Jan. 1799.
- 5a.** Letter. James Watt Jr. (London) to James Lawson (care of Charles Udale, Workington). 26 Jan. 1799.  
*Enclosing (b) below.*
- b.** Cutting from The Times. "Law Report. Court of King's Bench, Jan. 25. Hornblower v. Bolton [sic] and Watt."
- 6.** Letter. M. R. Boulton (Soho) to James Lawson (care of Charles Udale, Workington Hall). 29 Jan. 1799.
- 7.** Letter. M. R. Boulton (Soho) to James Lawson (care of George Lee, Crescent, Salford). 8 Feb. 1799. 3 sheets.  
*On the third sheet:*  
Memorandum. Orders countermanded at Manchester.
- 8.** Letter. M. R. Boulton (Soho) to James Lawson [Manchester]. 12 Feb. 1799.
- 9.** Letter. John Southern (Soho) to James Lawson (care of Salford Twist Co., Manchester). 13 Feb. 1799.
- 10.** Letter. William Brunton (Workington) to James Lawson (care of George Lee, Salford). 16 Feb. 1799.
- 11.** Letter. Gregory Watt for Boulton & Watt (Soho) to James Lawson (George Lee's, Salford Mill, Manchester). 16 Feb. 1799.
- 12.** Letter. M. R. Boulton (Soho) to James Lawson (care of George Lee, Crescent, Salford). 18 Feb. 1799.
- 13.** Letter. William Brunton (Workington) to James Lawson (care of George Lee, Salford). 19 Feb. 1799.
- 14.** Letter. M. R. Boulton (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 20 Feb. 1799.
- 15.** Letter. M. R. Boulton (London St.) to James Lawson (care of the Salford Twist Co., Manchester). 26 Feb. 1799.
- 16.** Letter. Gregory Watt for Boulton & Watt (Soho) to James Lawson (George Lee's, Salford Mill, Manchester). 28 Feb. 1799.
- 17.** Letter. Gregory Watt (Soho) to James Lawson [Manchester]. 2 Mar. 1799.  
*Has passed Lawson's letters to John Southern. Encloses some accounts to call in, some agreements for signatures, and a copy of Kirkman's agreement and B&W's correspondence with Peter Atherton for Mr. Jones.*
- 18.** Letter. John Southern (Soho) to James Lawson [Manchester]. 2 Mar. 1799.
- 19.** Letter. John Southern (Soho) to James Lawson (care of Salford Twist Co., Manchester). 5 Mar. 1799.
- 20.** Letter. John Southern (Soho) to James Lawson [Manchester]. 6 Mar. 1799.
- 21.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 11 Mar. 1799.

- 22.** Letter. James Watt Jr. (Soho) to James Lawson (care of John Taylor, Brewer, Liverpool). 11 Mar. 1799.
- 23.** Letter. James Watt Jr. (Soho) to James Lawson (George Lee's, Salford Mill, Manchester). 13 Mar. 1799.  
*On the same sheet:*  
Transcript of letter. Boulton & Watt to Joseph Holdsworth & Co. (Wakefield). Not dated.
- 24.** Letter. John Southern (Soho) to James Lawson (care of Salford Twist Co., Manchester). 15 Mar. 1799.
- 25.** Letter. Thomas Barnes (Walker Colliery) to James Lawson (at Mr. Lee's, Salford Twist Co., Manchester). 19 Mar. 1799.
- 26.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 19 Mar. 1799.
- 27.** Letter. James Watt Jr. for Boulton & Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 23 Mar. 1799.  
*Re-directed to Lawson at the Post Office, Leeds.*
- 28.** Letter. Gregory Watt for Boulton & Watt (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 24 Mar. 1799.
- 29.** Letter. John Southern (Soho) to James Lawson [Leeds]. 26 Mar. 1799.
- 30.** Letter. James Watt Jr. (Soho) to James Lawson (care of Wormald & Co., Leeds). 27 Mar. 1799.
- 31.** Letter. John Southern (Soho) to James Lawson (care of Salford Twist Co., Manchester). 4 Apr. 1799.
- 32.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 8 Apr. 1799.
- 33.** Letter. Gregory Watt (Soho) to James Lawson (care of Samuel Homfray, Penydarren, Cardiff). 23 Apr. 1799.
- 34.** Letter. M. Illingworth (Stockport) to James Lawson (at the Cotton Twist Factory, Salford). 23 Apr. 1799.
- 35.** Letter. Gregory Watt (Soho) to James Lawson (care of Samuel Homfray, Penydarren, Cardiff). 30 Apr. 1799.
- 36.** Transcripts. May 1799. 3 sheets.  
*Docketed "Pattison correspondence." Transcripts of 10 letters posted to Lawson care of Smith Lawson & Co., Glasgow, as follows:*  
John Pattison (Glasgow) to Boulton & Watt [Soho]. 24 Apr. 1799.  
Gregory Watt for Boulton & Watt (Soho) to John Pattison (Glasgow). 27 Apr. 1799.  
John Pattison (Glasgow) to Boulton & Watt [Soho]. 1 May 1799.  
James Watt Jr. for Boulton & Watt (Soho) to John Pattison (Glasgow). 10 May 1799.  
John Pattison (Glasgow) to Boulton & Watt [Soho]. 14 May 1799.  
Robert Muir [Glasgow] to John Pattison [Glasgow]. 25 Jan. 1799.  
John Pattison [Glasgow] to Robert Muir [Glasgow]. 25 Jan. 1799.  
Robert Muir (Glasgow) to John Pattison [Glasgow]. 3 May 1799.  
John Pattison (Glasgow) to Robert Muir [Glasgow]. 3 May 1799.  
Boulton & Watt (Soho) to John Pattison (Glasgow). 18 May 1799.
- 37.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 31 May 1799.

**38.** Letter. Gregory Watt (Soho) to James Lawson (George Lee's, Salford Mill, Manchester). 3 Jun. 1799.

*On the same sheet:*

Transcripts of extracts of letters between Boulton & Watt (Soho) and George Wright (Hornby Castle, near Lancaster), as follows:

George Wright to Boulton & Watt. 20 Feb. 1799.

Boulton & Watt to George Wright. 25 Feb. 1799.

George Wright to Boulton & Watt. 18 May 1799.

Boulton & Watt to George Wright. 1 Jun. 1799.

Transcript of Memorandum. John Bartholomew of Glasgow's requirement of an engine to drive 40 patent looms.

**39.** Letter. Gregory Watt (Soho) to James Lawson (George Lee's, Salford Mill, Manchester). 6 Jun. 1799.

**40.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 11 Jun. 1799.

**41.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 18 Jun. 1799.

*Re-directed to Lawson at the Post Office, Leeds, and again to George Lee's, Salford, Manchester.*

**42.** Letter. James Watt Jr. (Soho) to James Lawson (care of Wormald & Co., Leeds). 18 Jun. 1799.

**43.** Letter. Benjamin Gott (Leeds) to James Lawson (Mr. Lee's, Salford). 26 Jun. 1799.

**44.** Letter. James Watt Jr. (Soho) to James Lawson (care of Salford Twist Co., Manchester). 27 Jun. 1799.

**45.** Letter. William Creighton for Boulton & Watt (Soho) to George Lee [Manchester]. 4 Jul. 1799.

*Docketed in Lawson's hand. Re. parts ordered by Lawson.*

**46.** Letter. Matthew Boulton (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 8 Jul. 1799.

*Re-directed to Lawson care of Donald Smith & Co., Edinburgh.*

**47.** Letter. James Watt Jr. (Soho) to James Lawson (Dundee). 26 Jul. 1799.

*On the same sheet:*

Letter. John Southern (Soho) to James Lawson. 27 Jul. 1799.

**48.** Letter. James Watt Jr. (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 3 Aug. 1799.

**49.** Letter. James Watt Jr. (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 3 Aug. 1799.

*Marked "Private". This letter has been removed from a scrapbook.*

**50.** Letter. James Sword (Glasgow) to James Lawson (Smith Lawson & Co., Glasgow). 16 Aug. 1799.

**51.** Letter. John Southern (Soho) to James Lawson (at Smith Lawson & Co., Glasgow). 16 Aug. 1799.

- 52.** Letter. William Crawford, Baker (Falkirk) to James Lawson (at Smith Lawson & Co., Glasgow). 17 Aug. 1799.
- 53.** Letter. Walter Fergus & Co. (Kinghorn) to James Lawson (at Smith Lawson & Co., Glasgow). 17 Aug. 1799.
- 54.** Letter. James Watt Jr. (Soho) to James Lawson (care of Smith & Lawson, Glasgow). 20 Aug. 1799.
- 55.** Letter. James Watt Jr. (Soho) to James Lawson (care of Smith Lawson & Co., Glasgow). 22 Aug. 1799.
- 56.** Letter. William Crawford (Falkirk) to James Lawson (at Smith Lawson & Co., Glasgow). 23 Aug. 1799.
- 57.** Letter. George Lee (Manchester) to James Lawson (Smith Lawson & Co., Glasgow). 24 Aug. 1799.
- 58.** Letter. Walter Fergus & Co. (Kinghorn) to James Lawson (at Smith Lawson & Co., Glasgow). 28 Aug. 1799.
- 59.** Letter. Gregory Watt (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). "Supposed" 4 Sep. 1799.  
*On the same sheet:*  
Account. John & James Walker debtors to Boulton & Watt. 1799.  
Transcript of extract of letter. Joseph Varley (Preston) to David Thompson. 1 Sep. 1799.
- 60.** Letter. John Southern (Soho) to James Lawson (care of Wormald & Gott, Leeds). 7 Sep. 1799.
- 61.** Letter. Gregory Watt (Soho) to James Lawson (care of Benjamin Gott, Leeds). 11 Sep. 1799.  
*Re-directed to Lawson at the Post Office, Manchester.*
- 62.** Letter. Gregory Watt (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 17 Sep. 1799.
- 63.** Transcript of letter. James Lawson (Leeds) to John Southern [Soho]. 22 Sep. 1799.
- 64.** Letter. Gregory Watt (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 24 Sep. 1799.
- 65.** Letter. John Southern (Soho) to James Lawson [Leeds]. 26 Sep. 1799.
- 66.** Letter. James Watt Jr. (Soho) to James Lawson (care of the Salford Twist Co., Manchester). 10 Oct. 1799.
- 67.** Letter. John Southern (Soho) to James Lawson (Salford Twist Co., Manchester). 10 Oct. 1799.
- 68.** Letter. James Watt Jr. (Soho) to James Lawson (care of Ewart & Rutson, Liverpool). 12 Oct. 1799.
- 69.** Letter. John Southern (Soho) to James Lawson (Salford Twist Co., Manchester). 18 Oct. 1799.  
*With a postscript added by James Watt Jr. on 19 Oct. Re-directed to Lawson at Wormald Fountain & Gott, Leeds.*
- 70.** Letter. James Watt Jr. (Soho) to James Lawson (care of Wormald Fountain & Gott, Leeds). 21 Oct. 1799.

**3/285 James Lawson, miscellaneous letters to him, 1800, 1804, not dated (3 items)**

**1.** Letter. Benjamin Gott [Leeds] to James Lawson (Mr. Lee's, Salford).

"Wednesday Evg." [— 1800].

*This letter was found among letters from Lawson to Boulton Watt & Co. of 1800. It possibly dates from circa May/June, but it is impossible to date exactly as there are no letters from Lawson between May and Oct. 1800.*

**2a.** Letter. James Watt Jr. (London) to James Lawson (care of Philips Wood & Lee, Manchester). 7 May 1804.

*(b) below found enclosed in this letter.*

*Docketed "Informing him of Watson & Co.'s order and desiring him to go to Preston."*

**b.** Memorandum. A Receipt for making Raisin Wine.

**3.** Sketch. James Stockdale's cotton mill, Cark. Not dated [1785?].

*Sketch and notes showing the mill, yard, engine, workers' houses and river. The sketch has been dated as 1785 by a later custodian of the collection. The sketch is docketed by Lawson and was presumably kept by him for reference.*