

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.*