

**MS 3147/3/505**  
**SPECIAL SUBJECTS & CORRESPONDENTS**  
**J. D. H. VAN LIENDER**  
**1775—1794**

INTRODUCTION

Letters from the Dutch engineer John Daniel Huichelbos van Liender, from 1775 to 1794. Van Liender's correspondence was kept in three large bundles, this being the first. The bundle wrapper is marked as covering the years 1775 to 1795, but no letters from 1795 have been found. Van Liender addressed many of his letters in the following manner: "James Watt, at Birmingham, care of Mrs. Matthews, London". The London part of the direction is usually crossed out. These letters were received by Charlotte Matthews at 6 Green Lettice Lane in London and sent on to Birmingham.

1. Bundle wrapper.  
*Marked "J. D. H. van Liender 1775—1795."*
- 2a. Letter. John Enslie (Rotterdam) to James Watt (Glasgow). 11 May 1775.  
*Enclosing (b) and (c) below.*
- b. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Glasgow). 11 May 1775.
- c. Sketch. Boiler of atmospheric engine ordered for Rotterdam.
3. Letter. J. D. H. van Liender (Rotterdam) to Matthew Boulton (Soho). 14 May 1779.  
*Docketed as 11 May. The sheet has been used for calculations.*
4. Transcript of letter (in French). J. D. H. van Liender (Rotterdam) to Jean André de Luc [London]. 19 Dec. 1783. 2 sheets.
5. Transcript of letter (in French). J. D. H. van Liender (Rotterdam) to Jean André de Luc [London]. 30 Jan. 1785. 2 sheets.
6. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 3 Jun. 1785.  
*Docketed "Explanation of proposals."*
7. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). — Aug. 1785.  
*The date has faded. Postmarked 31 Aug. Probably 4 Aug., as Watt refers to a letter from van Liender of that date in his letter of 4 Sep. [B&W Letter Book, 3/85, p. 209].*
8. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 4 Oct. 1785.
9. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 7 Oct. 1785.  
*Docketed as 4 Oct.*
10. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 29 Nov. 1785.
11. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 30 Dec. 1785.
12. Letter. J. D. H. van Liender (Rotterdam) to James Watt [Birmingham]. 13 Jan. 1786.  
*Docketed as 30 Jan.*

13. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 10 Mar. 1786.  
*Docketed as 13 Mar.*  
*Docketed "Covering patent."*
14. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 31 May 1786.
15. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 11 Jul. 1786.
16. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 21 Jul. 1786.
17. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 4 Aug. 1786.
18. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 22 Sep. 1786.
19. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 15 Oct. 1786.
20. Letter. J. D. H. van Liender (Rotterdam) to James Watt [Birmingham]. 17 Nov. 1786.  
*On the same sheet:*  
Letter. Ann Watt [Birmingham] to James Watt (Monsieur Delessert's, Rue Coghiron, Paris). 27 Nov. 1786.
21. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 13 Apr. 1787.
22. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 27 Apr. 1787.
23. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 22 Jun. 1787.
24. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 7 Sep. 1787.  
*Addressed to Watt as "Corresponding Member of the Batavian Society."*
25. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 19 Oct. 1787.  
*Docketed as 9 Oct.*
26. Letter. J. D. H. van Liender (Rotterdam) to James Watt (6 Green Lettice Lane, London). 2 Nov. 1787.
- 27a. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 8 Nov. 1787.  
*Kept with (b) below. On the same sheet:*  
Note by Malcolm Logan on the expense of his passage to Rotterdam and back.  
*Docketed "By Malcolm Logan."*
- b. Account. J. D. H. van Liender debtor to Boulton & Watt.  
*In James Pearson's hand. Account of expenses of Logan's journey to and time in Rotterdam.*
28. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 12 Feb. 1788.
29. Letter. J. D. H. van Liender (London) to James Watt (Birmingham). 29 May 1788.  
*Docketed "About lodgings."*
30. Letter. J. D. H. van Liender (London) to James Watt (Birmingham). 9 Jul. 1788.  
*Docketed "About giving up his lodgings."*
31. Memorandum. Mydrecht. Mr. van Liender – Queries for Engine near Utrecht. — Jun. 1790.

32. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 30 Aug. 1790.  
*Docketed "Mydrecht."*
33. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 23 Sep. 1790. 2 sheets.  
*On the first sheet:*  
Transcript of letter. J. D. H. van Liender (Paris) to James Watt. 26 Jul. 1790.  
*Docketed "Mydrecht."*
34. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 21 Oct. 1790.  
*Docketed "Mydrecht."*
35. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 4 Nov. 1790.
36. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 15 Nov. 1790.  
*Docketed "Not fully answered."*
37. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 16 Dec. 1790.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Paris) to James Watt. 15 Nov. 1790.
38. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 13 Jan. 1791. 2 sheets.  
*Docketed as Mydrecht.*
39. Letter. J. D. H. van Liender (Paris) to James Watt (Birmingham). 14 Mar. 1791.
40. Letter. J. D. H. van Liender (Versailles) to James Watt (Birmingham). 16 Apr. 1791.
41. Letter. J. D. H. van Liender (Versailles) to James Watt (Birmingham). 16 May 1791.  
*Docketed as MDT [Mydrecht].*
42. Letter. John Southern (Birmingham) to James Watt (6 Green Lettice Lane, London). 27 May 1791.  
*On the same sheet:*  
Sketch. Plan of the Mydrecht engine.  
*Docketed "MDT cistern etc."*
43. Letter. J. D. H. van Liender (Versailles) to James Watt (6 Green Lettice Lane, London). 10 Jul. 1791.  
*Docketed as Mydrecht.*
44. Letter. J. D. H. van Liender (Versailles) to James Watt (Birmingham). 28 Aug. 1791.  
*Re-directed to Heathfield. On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Paris) to James Watt. 10 Jul. 1791.
45. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 18 Oct. 1791.
46. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Handsworth). 15 Nov. 1791.
47. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 12 Jun. 1792.
- 48a. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 24 Aug. 1792.  
*Re-directed to 6 Green Lettice Lane. Enclosing (b) below.*

- b. Printed circular. Programma van het Bataafsch Gentootschap der proefondervindelyke wysbegeerte te Rotterdam. 1792.  
*Programme of the Batavian Society.*
49. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 11 Oct. 1792.  
*On the same sheet:*  
Table of heights of water, engine house, foundations etc. of the Mydrecht engine.
50. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 13 Nov. 1792.
51. Letter. J. D. H. van Liender (Rotterdam) to James Watt [Birmingham]. 11 Dec. 1792.
52. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 18 Dec. 1792.  
*Mis-docketed as Nov. Docket covers this and the above letter of 11 Dec. Forwarded to Heathfield, then passed to James Pearson.*
53. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 15 Feb. 1793.
54. Letter. J. D. H. van Liender (Zorg Vrij, at the Amstel, at Thamen) to James Watt (Birmingham). 13 Jun. 1793.
55. Letter. J. D. H. van Liender (Thamen) to James Watt (Birmingham). 8 Aug. 1793.
56. Letter. J. D. H. van Liender (Thamen) to James Watt (Birmingham). 30 Sep. 1793.  
*Forwarded to Heathfield.*
57. Letter. J. D. H. van Liender (Thamen) to James Watt (Birmingham). 21 Oct. 1793.  
*Docketed "Arrival of Smallman."*
58. Letter. J. D. H. van Liender (Thamen) to James Watt (Birmingham). 23 Jan. 1794.  
*Docketed as 25 Jan.*  
*Docketed "With remittance."*
59. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 6 May 1794.  
*Docketed "With remittance and statement of account. Performance of Mydrecht engine."*
60. Letter. J. D. H. van Liender (Thamen) to Boulton & Watt (Soho). 4 Sep. 1794.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Thamen) to James Watt. 31 Jul. 1794.  
*Docketed "Smallman allowed to depart. State of Smallman's account. Mydrecht engine. Observations on the war."*
61. Letter. Cornelius Stolker (Rotterdam) to Boulton & Watt (Soho). 23 Sep. 1794.  
*Docketed "Smallman."*
62. Letter. Cornelius Stolker (Rotterdam) to Boulton & Watt (Soho). 30 Sep. 1794.  
*Docketed "About Smallman."*
63. Letter. J. D. H. van Liender (Thamen) to James Watt (Birmingham). 2 Oct. 1794.  
*Docketed "Probability of Smallman being gone to America."*

**MS 3147/3/506**  
**SPECIAL SUBJECTS & CORRESPONDENTS**  
**J. D. H. VAN LIENDER**  
**1797—1801**

INTRODUCTION

Letters from the Dutch engineer John Daniel Huichelbos van Liender, from 1797 to 1801. Van Liender's correspondence was kept in three large bundles, this being the second. The subjects covered include various engines for Holland, and the replacement of the wooden parts of windmills with iron ones.

1. Bundle wrapper.  
*Marked "J. D. H. van Liender 1797—1801. 4 horse, Rotterdam. 30¾ / 6 double, Blanken. Iron machinery for the Nieukoop windmill."*
2. Memorandum. Dates of Documents & Correspondence with van Liender respecting the substitution of iron in the Dutch Windmills. 1797—1801.  
*Docketed ""Reference to correspondence with Mr. van Liender respecting the Windmills of Nieukoop and Zevenhofen."*
3. Letter. J. D. H. van Liender (The Hague) to James Watt (Birmingham). 12 May 1797.  
*Docketed "Regrets the interruption of the correspondence. Success in employment under Government. Drainage of a lake. State of the Mydrecht engine. Repairs wanted. Wish to have an estimate of a small engine."*
- 4a. Letter. J. D. H. van Liender (The Hague) to James Watt (Birmingham). 17 Jul. 1797.  
*On the same sheet:*  
Letter. J. D. H. van Liender to James Watt Jr. 17 Jul. 1797.  
*Docketed "Orders a 4 horse engine. Suggests the substitution of iron for wood in the Dutch windmills."*
- b. Receipt. For van Liender's payment for a new map of Warwickshire. 3 Oct. 1789.  
*Signed by Mr. Wood for Mr. Sharp.*
5. Letter. J. D. H. van Liender (Rotterdam) to James Watt (Birmingham). 5 Nov. 1797.  
*Docketed "Wishes answer to his last and drawings of the engine ordered."*
6. Transcript of letter. Boulton & Watt (Soho) to J. D. H. van Liender (The Hague). 16 Nov. 1797.  
*Docketed "Copy of B&W's letter to Mr. van Liender which they call our First Memorial."*
7. Letter. J. D. H. van Liender (The Hague) to Boulton & Watt (Soho). 7 Jan. 1798.  
*Docketed "Position and other particulars respecting his engine. Determination to employ iron mill work in their mill – some queries upon that subject and promises of further information for our government."*
8. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 24 Feb. 1798.  
*Letter passed to John Southern.*  
*Docketed "Confirming his order for rotative shaft."*

9. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 12 Mar. 1798.  
*Docketed "Upon the mode of forwarding the materials of the little engine. Is no longer in the Commission for the drainage of Nieuwkoop. The consideration of that affair to be postponed."*
10. Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 12 Mar. 1798.  
*Docketed "8 May 1798. Duplicate of 12 Mar. With Mr. Martin's advice of forwarding ours of 28<sup>th</sup> May."*
11. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 30 Jun. 1798.  
*Docketed "Mentions receiving 4 letters from Boulton & Watt and recapitulates their contents. The engine arrived – box not. Remits the sum due to Boulton & Watt."*
12. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 31 Jul. 1798.  
*Docketed "Has heard of the drawings etc. The progress of steam engines retarded by the state of things in Holland and the price of coals. Praises of the new constitution. Beneficial effects which will probably result from it."*
- 13a. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 25 Dec. 1798.  
*Enclosing (b) below.*  
*Docketed "Small engine not quite completed. Enclosing remarks upon cast iron windmills. Wants drawings of their construction."*
- b. Memorandum (in French). Remarques du Directeur General et des Inspecteurs du Desséchement de Nieuwkoop et Zevenhoven sur certain mémoire Anglais touchant l'usage qu'on pourrait faire du fer de fonte dans les moulins à évaiser l'eau.
- 14a. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 18 May 1799.  
*Enclosing (b) below. On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 25 Dec. 1798.  
*Docketed "Receipt of drawings of little engine. Difficulty of setting it to work. Answer of the Directors of the Drainage to our remarks on the substitution of iron in windmills. Money advanced to Mrs. Swellingrebel and death of that lady. Progress made by the Mydrecht engine. Wants explanation of large copying machine."*
- b. Transcript of memorandum (in French). Memorandum (in French). Remarques du Directeur General et des Inspecteurs du Desséchement de Nieuwkoop et Zevenhoven sur certain mémoire Anglais touchant l'usage qu'on pourrait faire du fer de fonte dans les moulins à évaiser l'eau.
15. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 16 Aug. 1799.  
*Docketed "Complains of having received no answer. Improvements made in pump work. New engines likely to be wanted. Wants one of us to meet him at Hamburg. Small engine doing pretty well."*
16. Memorandum. Boulton & Watt's reply to the Remarks of the Director of the Drainage of Nieuwkoop and Zevenhofen.  
*Docketed "Inclosed in our letter to van Liender of 28 Oct. 1799."*

- 17a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 1 Feb. 1800.  
*Enclosing (b) below.*  
*Docketed "Congratulates on law victory. Wishes estimates of small engines. Are satisfied with the explanations of iron parts in windmills. Has sent by some person a scantling of timber etc. wanted in a windmill. Orders a cast iron bak [trough] – to send by Embden."*
- b.** Pen & wash plan & section of the cast iron bak.
- 18a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 18 Feb. 1800.  
*Enclosing (b) below.*  
*Docketed "Satisfied with explanation. Order for trough. Wants engine man. New contract entered into for Nieuwkoop mills."*
- b.** Pen & wash plan & section of the cast iron bak.
- 19.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 25 Mar. 1800.  
*Docketed "With drawing of windmills and order for iron work."*
- 20.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 27 Mar. 1800.  
*Docketed "Has sent some drawings by a vessel to London."*
- 21.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 25 Apr. 1800.  
*On the same sheet:*  
 Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 25 Mar. 1800.  
*Docketed "Order for iron machinery for new mills. Wishes further advice about the great axis. Refers to the channel by which his former letter and drawings were sent. Wishes the trough had been sent to London. Causes of failure of Mydrecht engine."*
- 22a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 7 May 1800.  
*Enclosing (b) below.*  
*Docketed "With duplicate of the memorial of 15 Mar. and references to his former letters."*
- b.** Memorandum (in French). Mr. Bruning's memorial on iron windmills. 15 Mar. 1800. 2 sheets.  
*Docketed "Containing the order for the iron work for one windmill."*
- 23.** Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 16 May 1800.  
*Docketed "Wishes the trough to be sent direct to Holland."*
- 24.** Letter. J. D. H. van Liender (Hamburg) to Boulton & Watt (Soho). 7 Jul. 1800.  
*Docketed "Agrees to the delay in furnishing the windmill castings. Has forwarded the trough from Embden. Journey to Hamburg and proposal to meet him there. Engine wanted before the end of the year."*
- 25.** Letter. J. D. H. van Liender (Hamburg) to Boulton & Watt (Soho). 9 Jul. 1800.  
*On the same sheet:*  
 Transcript of letter. J. D. H. van Liender (Hamburg) to Boulton & Watt (Soho). 7 Jul. 1800.  
*Docketed "With duplicate of his letter of 7<sup>th</sup> July 1800 and drawing of Mr. Blanken's proposed engine and pumps."*
- 26.** Letter. J. D. H. van Liender (Hamburg) to Boulton & Watt (Soho). 12 Aug. 1800.  
*Docketed "Earnestly soliciting an answer to his letter of July. Agrees to the great axis of the windmill being made of iron."*

27. Letter. J. D. H. van Liender (Hamburg) to Boulton & Watt (Soho). 19 Aug. 1800.  
*The address and docket are on a separate wrapper.*  
*Docketed "Regret at our not being able to meet him at Hamburg. His motives for going thither. Advantages of Mr. Blanken's proposed construction of engine. Supposes we are going on with the engine. Account of engines erected in Germany."*
28. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 9 Sep. 1800.  
*Docketed "Description of a steam engine at Salza near Magdeburg. Account of engines made in Silesia. Return to Rotterdam. Order for new engine."*
29. Letter. J. D. H. van Liender (Rotterdam) to Boulton & Watt (Soho). 30 Sep. 1800.  
*Docketed "Remits £90 for trough. Complains of its expense. Enquiry about Cartwright."*
30. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 15 Oct. 1800.  
*Docketed "Has received ours of 30 Sep. and will transmit the resolution of the Commission."*
31. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 31 Oct. 1800.  
*Docketed "Order for Blanken's engine. Farther complaint of the expense of trough."*
32. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 12 Nov. 1800.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 31 Oct. 1800.  
*Docketed "Encloses copy of his letter of 31 Oct. Not quite satisfied about the expense of trough. Inferiority of German foundries. Sends a drawing from Mr. Blanken."*
33. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 24 Feb. 1801.  
*Docketed "Has received our letter of 28<sup>th</sup> Nov. and drawings of the engine. Accepts our terms for a 30¾ inch cylinder. Enquiry about the trough and state of castings for Nieuwkoop drainage. New copper boiler wanted for Mydrecht."*
- 34a. Memorandum. A list of Steam Engine Materials which were sent from Soho on 15 May 1801.  
*Kept with (b) below.*  
*Docketed "List of materials for Mr. Blanken's engine."*
- b. Transcript of letter. Thomas Hutton for Boulton Watt & Co. (Soho) to Parkes & Co. [Birmingham]. 5 May 1801.  
*On the same sheet is a list of the items being forwarded.*
35. Memorandum. A list of materials for the Wind Mills of Nieuwkoop & Zevenhofen forwarded from Soho on 16 May 1801.
36. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 16 Jul. 1801.  
*Docketed "Have received engine materials. Want pumps. Weight of windmills castings much exceeds his expectations. Prefers a copper boiler for Mydrecht engine."*
37. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 15 Aug. 1801.  
*Docketed "Remittance on account £200. Has received the drawings and instructions, the latter so much mutilated as to be illegible."*



- 38a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 22 Aug. 1801.  
*Enclosing (b) below. On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 15 Aug. 1801.  
*Docketed "Enclosing duplicate bill of exchange and copy of his former letter. Busy erecting the engine. The instructions and drawings of his engine much injured in the carriage."*
- b.** Bill of exchange. S. Knox - £200 to Coysgarne & Lloyds on Sampson Coysgarne Lloyd (2 St. Mildred's Court, Poultry, London). Emden, 14 Aug. 1801.  
*Passed by Coysgarne & Lloyd to van Liender, and by him to Boulton Watt & Co.*
- 39.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 25 Aug. 1801.  
*Docketed "Remittance of £322.7.5."*
- 40.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 29 Aug. 1801.  
*Docketed "Remittance of £927.14.11. Wants a cast iron pot for melting lead and information about the boiler for Mydrecht engine. 7 mills going to be erected to assist in the drainage of Mydrecht."*
- 41.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 Sep. 1801.  
*Docketed "Remittance of £200. Receipt of our letter of the 31 Aug."*
- 42.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 24 Sep. 1801.  
*The docket is on a separate wrapper. On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 Sep. 1801.  
*Docketed "Copy of his last letter of the 19<sup>th</sup> inst. Enclosing sundry duplicates of his remittances. Surprised to find we had ordered a copper boiler without further instruction. Must consult the committee before a positive order can be given for it. Defects in the present one which they have. Query if the cogs are to be made of beech. Has received particulars of the iron pumps. Wants copy of letter of 1 Jul. Contract for the new drainage mills. Approbation of our castings."*
- 43.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 3 Oct. 1801.  
*Docketed "Receipt of our letters of 31 Aug. and 10 Sep. Wants copy of our letter of 1 Jul. Meeting of the Committee of Drainage hesitates to confirm the order for the copper boiler, till they receive answers to sundry queries."*
- 44.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 13 Oct. 1801.  
*The docket is on a separate wrapper.*  
*Docketed "Has procured a lead melting pot in Holland. Complaints of the charges for the millwork freight and other items. Reflections thereon and desire to have minute explanations for the satisfaction of the commission."*
- 45.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 3 Nov. 1801.  
*Docketed "Enclosing first of exchange for £70."*
- 46a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 4 Nov. 1801.  
*Enclosing (b) below. On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 3 Nov. 1801.  
*Docketed "Remits £70 in a second of exchange. Intends visiting England soon."*
- b.** Bill of exchange. U. A. Hoogmer & Co. - £70 to J. D. H. van Liender on Field & Ronalds (London). 4 Sep. 1801.

47. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 12 Dec. 1801.  
*Docketed "Has received our explanatory letter respecting the windmills. Mydrecht commissioners decline ordering the copper boiler. Wants instructions about the cogs of wheels. Wishes the weights of the cast iron machinery. Wants the prices of ship stoves."*

**MS 3147/3/507**  
**SPECIAL SUBJECTS & CORRESPONDENTS**  
**J. D. H. VAN LIENDER**  
**1802—1809**

INTRODUCTION

Letters from the Dutch engineer John Daniel Huichelbos van Liender, from 1802 to 1809. Van Liender's correspondence was kept in three large bundles, this being the third. The subjects covered include various engines for Holland, and payment for them, and there are also letters written during van Liender's visit to Britain in 1802.

1. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 2 Mar. 1802.  
*Docketed "Reasons of the Mydrecht Commissioners for declining boiler. Consoles upon the death of Mrs. Matthews. Commissioners of Nieuwkoop & Zevenhofen satisfied with our explanations. Remits £278.2.8 on account. Advertisements of the Rose Copper Company's bills. Mr. Blanken's engine performs to satisfaction."*
2. Letter. J. D. H. van Liender (London) to Boulton Watt & Co. (Soho). 3 Aug. 1802.  
*Docketed "Is arrived in London and wishes to know if any of the firm are there. Intends visiting Soho."*
3. Letter. J. D. H. van Liender (Swan Inn, High St., Birmingham) to Boulton Watt & Co. (Birmingham). 19 Aug. 1802.  
*Docketed "Notice of his arrival and requesting that his letters may be sent to him."*
4. Letter. J. D. H. van Liender (Northampton) to Boulton Watt & Co. (Birmingham). 13 Sep. 1802.  
*Docketed "Preference given by him to Birmingham over Manchester. Favourable opinion of Mr. Jee. Meeting with Mr. William Chapman at Hull. Sentiments upon the commerce of Liverpool and Hull. Wishes to know the price of a goldbeater's mould. Answered by James Watt Jr."*
5. Letter. J. D. H. van Liender (Rotterdam) to James Watt Jr. (Birmingham). 12 Oct. 1802.  
*Docketed "Safe arrival in Holland. Receipt of sundry letters for Mr. Gregory Watt. Estimate of new pumping engine wanted."*
6. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 2 Nov. 1802.  
*Docketed "Supposed error in our calculations. Doubts upon some part of our statements. Suggests the application of two or more pumps."*
7. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 17 Dec. 1802.  
*Docketed "Orders 31½ inch pumping engine for the out-turfing of the Crimpenrewaerd. Intends applying additional machinery to the engine. Returns thanks for drawing of corn mill governor."*

8. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 31 Dec. 1802.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 17 Dec. 1802.  
*Docketed "Encloses copy of his letter of 17 Dec. Confirms the order and requests to have the drawings."*
9. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 29 Mar. 1803.  
*Docketed "His answer has been delayed by the want of the drawings. Determines upon cross-plate and pillars. Relative height of the pump etc. Will make the well longer than drawn and give good security to the foundations."*
10. Letter. J. D. H. van Liender (Amsterdam) to Boulton Watt & Co. (Soho). 15 Apr. 1803.  
*Docketed "Application for the price of a four horse engine on behalf of Mr. H. de Heus."*
11. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 Apr. 1803.  
*Docketed "Our drawing sent is perfectly correct with their intentions. Wishes answer about a 4 horse engine for a friend, Mr. de Heus."*
12. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 17 May 1803.  
*Docketed "Mr. van Heus declines ordering the small engine on account of time. Proposes to execute the wrought iron work in Holland. Enquires what is meant by a horse's power. An 8 horse engine wanted for a fulling mill near Leyden. Iron windmill not yet at work but has been turned round by hand. Mydrecht engine performs well."*
13. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 6 Sep. 1803.  
*Docketed "The Batavian Society has voted a silver medal to Mr. Southern. Progress made in the Crimpenrewaerd engine house. The Nieuwkoop cast iron windmill set to work and answers perfectly. Wants estimate of three others to be erected next summer."*
14. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 24 Oct. 1803.  
*Docketed "Proposes the Crimpenrewaerd engine materials to be shipped to Emden. Increased price of our castings an obstacle to the order being given for the mill work of a second windmill. Can procure them cheaper from the German foundries."*
15. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 29 Oct. 1803.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 24 Oct. 1803.  
*Docketed "Duplicate of his letter of the 24<sup>th</sup>. Address for consignment of the engine at Emden."*
16. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 2 Mar. 1804.  
*Docketed "Remits £500 on account of Crimpenrewaerd engine. Wants account of shipping charges etc."*

- 17a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 13 Mar. 1804.  
*Enclosing (b)—(d) below. On the same sheet:*  
 Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 2 Mar. 1804.  
*Docketed “Duplicate of his letter of 2<sup>nd</sup>. Transmits seconds of exchange of the bills before sent.”*
- b.** Bill of exchange. Rudolph Bentinck - £200.1.- to J. D. Grosse on Robert Snow & Co. (Temple Bar, London). Utrecht, 1 Mar. 1802.  
*Passed by Grosse to Christiaan Brunting, and by Brunting to van Liender.*
- c.** Bill of exchange. L. Knuijse Jr. - £504.14.6 to Coudere, D. & M. P. Brants on Minet & Fector (Rotterdam). Emden, 7 Apr. 1804.  
*Passed by Coudere, D. & M. P. Brants to van Liender.*
- d.** Bill of exchange. Jacob. Jans. Tischer - £100 to Berend Ce. De Boer on Stevin, de Stevin, ?, Hennings (Rotterdam). Nordin, 31 Jan. 1804.  
*Passed by de Boer to de Heer, S. H. Rieckena [?], de Waarde, and by them to ?, and then passed to van Liender.*
- 18.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 14 Apr. 1804.  
*Docketed “Remits £504.14.6 on account of the Crimpenrewaerd engine. Will remit the balance of his private account soon. Engine arrived at Emden. Hopes to have the drawings soon as they intend immediately to go on with the erection. Mr. Boulton has written satisfactorily about his lead.”*
- 19.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 27 Apr. 1804.  
*Docketed “Reference to his last letter and second of the bill enclosed. Remits balance of his private account. Enquires about a 4 horse engine. Drawings of their engine arrived safe.”*
- 20.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Birmingham). 25 Mar. 1805.  
*Brought by van Heukelom. Docketed by William Cheshire.*  
*Docketed “Animadversions upon the state of public affairs. Receipt of our letter of the 18 Apr. 1804. Hopes that his of 27<sup>th</sup> same month with the seconds of bills of exchange had been received. The engine for the Crimpenrewaerd finished and gives much satisfaction. Observations of Mr. Duyster thereon. Laments the fatal consequences of the war – his friends’ intention of erecting an engine at Amsterdam suspended in consequence of it. The iron machinery for the windmill answers perfectly. Others similar making at Amsterdam. The bearer of this letter the son of his friend Mr. van Heukelom – recommends him to our notice.”*
- 21.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 25 Mar. 1805.  
*Docketed “Introducing van Heukelom.”*
- 22.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 7 Jul. 1806.  
*Docketed “Particulars of the situation of an engine proposed to be erected upon the Katwyk & Rhine Canal. Has sent a drawing of the situation etc. Also a memorial upon the Crimpenrewaerd engine by Mr. Blanken Jr. Recommends weighting the outer end of the beam. Desires to have our terms for the execution of the engine and a drawing of the house. Enquires the price of a cast iron cross for a windmill.”*

23. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 11 Aug. 1806.  
*Docketed "Refers to and recapitulates the contents of his letter of the 7 Jul. Recommends the house of Coysgarne & Lloyds to supply us with old iron."*
24. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 29 Sep. 1806.  
*Docketed "Order for the engine for the Katwyk & Rhine Canal. Will adhere to the plans and directions sent them. Wishes our advice about a debt to him by Mr. John Blunt of Liverpool."*
25. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 8 Oct. 1806.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 29 Sep. 1806.  
*Docketed "Duplicate of his letter of 29 Sep. with order for the Katwyk & Rhine engine."*
26. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 Mar. 1807.  
*Docketed "Expects soon to hear of the Katwyk & Rhine engine having been completed. Wishes our opinion about the mode of sending it over. Wants estimate of a 12 horse engine. Imperial foundries erected at Liege with 8 steam engines."*
27. Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 Mar. 1807.  
*Docketed "Duplicate."*
28. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 May 1807.  
*Docketed "Can readily obtain the permission of his government to import the Katwyk & Rhine engine. Decrees respecting English manufactories not strictly observed. Wish to have the engine at work this summer. Orders a 14 horse engine and requests drawings. Reflections upon the foundry at Liege and the progress making abroad in manufactures."*
29. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 2 Jun. 1807.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 19 May 1807.  
*Docketed "Duplicate of his letter of 19 May. Has obtained the King of Holland's permission to import the Katwyk & Rhine engine, and a vessel will be sent for it to Hull."*
30. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 6 Jun. 1807.  
*Docketed "Name of the vessel and Captain now at Hull, who are to take over the Katwyk & Rhine engine. Enquires about the payment of the account owing to him by Boulton & Co. of Liverpool."*
31. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 12 Jun. 1807.  
*Docketed "Misunderstanding of our former letter, as to the time of the engine being ready for Katwyk & Rhine. Urges its completion etc."*
32. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 17 Jun. 1807.  
*Docketed "Surprised at the interruption in proceeding with the Katwyk & Rhine engine. Will endeavour to send a vessel to Sunderland to take in part of her cargo of coals. Determines on Plan No. 1 for the position of the 14 horse engine for his friend."*

- 33.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 30 Jun. 1807.  
*On the same sheet:*  
Transcripts of 3 letters, as follows:  
J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 6 Jun. 1807.  
J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 12 Jun. 1807.  
J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 27 Jun. 1807.  
*Docketed "Duplicates of his letters of 6, 12 and 27 Jun."*
- 34.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 29 Aug. 1807.  
*Docketed "Arrival of the Katwyk & Rhine materials and satisfaction given by them to the Directors. Mr. J. Duyster does not fully understand the hot water pump apparatus. Receipt of drawings of 14 horse engine and progress made with the house. Will charter a vessel to take the boiler whole. Desires to have 2 dozen of best black lead pencils. Remits bills for £1270."*
- 35a.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 2 Sep. 1807.  
*Enclosing (b)–(d) below. On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 29 Aug. 1807.  
*Docketed "Encloses duplicate of his letter of 29 Aug. Sends seconds and thirds of the bills then remitted. Will engage a vessel to take the 14 horse engine upon learning that it is ready."*
- b.** Bill of exchange. Hendrik van Curervaart [?] - £220 to his own order on John Witton Sr. (Hull). Hamburg, 24 Aug. 1807.  
*Marked "First accepted at Messrs. Jos. Peel & Co., London." Passed by Curervaart to Van Liender.*
- c.** Bill of exchange. Hendrik van Curervaart [?] - £250 to his own order on John Witton Sr. (Hull). Hamburg, 24 Aug. 1807.  
*Marked "First accepted at Messrs. Jos. Peel & Co., London." Passed by Curervaart to Van Liender.*
- d.** Bill of exchange. Gt. van Diilken for ? Say & Co. - £800 to J. D. H. van Liender on John Kirwan & Sons (London). Rotterdam, 28 Aug. 1807.
- 36.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 3 Sep. 1807.  
*Docketed "Receipt of our letter and account. Has engaged a Papenburger vessel to bring over the 14 horse engine."*
- 37a.** Letter. R. Mees & Sons (Rotterdam) to Boulton Watt & Co. (Soho). 8 Sep. 1807.  
*Enclosing (b) below.*  
*Docketed "Remit 2<sup>nd</sup> of exchange for £250 on account of Mr. J. D. H. van Liender."*
- b.** Bill of exchange. W. Cullen Sr. for W. Cullen & Co. - £250 to P. S. Nortier on Minet & Fector (London). Flushing, 8 Sep. 1807.  
*Passed to Boulton Watt & Co. by Nortier on van Liender's order.*
- 38.** Transcript of letter. R. Mees & Sons (Rotterdam) to Boulton Watt & Co. (Soho). 8 Sep. 1807.  
*Marked "Duplicate." Docketed "Remit £250 on account of Mr. van Liender."*
- 39.** Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 25 Nov. 1807.  
*Docketed "Receipt of sundry of our letters. Difficulty of epistolary intercourse and of making remittances. Cannot at present procure a passport for the 14 horse engine."*

*Remarks upon the system of the English Ministry and the progress making in manufactures on the Continent. Description of the Imperial foundry at Liege. Progress made in the Katwyk & Rhine Canal. Much pleased with the engine, which will be started next month. Mr. Duyster understands the hot water pump, but wants explanation of what he calls the steam fountain."*

40. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 22 Dec. 1807.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 25 Nov. 1807.  
*Docketed "Duplicate of his letter of 25 Nov. Complains much of Mr. Cankrien's having forwarded the 14 horse engine during the prohibition and at an enormous freight. Difficulty of preventing the ship and cargo from being confiscated and consequences likely to ensue. Receipt of sundry of our letters."*
41. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 7 Jan. 1808.  
*Docketed "Will send a remittance for the 14 horse engine, as soon as he can with safety. Has obtained the King's order for the release of the Friendship and her cargo. Complains of the high freight and want of insurances. Wants explanation of the throttle valve of the Katwyk & Rhine engine."*
42. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 18 Jan. 1807.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 7 Jan. 1808.  
*Docketed "Remits bill for £220. The landing of Mr. Cankrien's cargo of coals refused. Progress made in the Katwyk & Rhine undertaking."*
43. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 31 May 1808.  
*Docketed "Remittance of £25."*
44. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 1 Nov. 1808.  
*Docketed "Has not received an acknowledgement of remittances transmitted to us. Favourable report of the Katwyk engine."*
45. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 12 Apr. 1809.  
*Docketed "Remits £300."*
46. Letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 4 May 1809.  
*On the same sheet:*  
Transcript of letter. J. D. H. van Liender (Rotterdam) to Boulton Watt & Co. (Soho). 12 Apr. 1809.  
*Docketed "Enclosing a bill of exchange for £217.11 and seconds for £300 remitted 12 Apr. last."*

**MS 3147/3/508**  
**SPECIAL SUBJECTS & CORRESPONDENTS**  
**LLANARMON AND PLAS MOSTYN MINES**  
**1802—1809**

INTRODUCTION

Letters about steam engines for Llanarmon lead mine and Plas Mostyn colliery, Denbighshire, Wales, from 1802 to 1804. Both mines were owned by William Wilkinson, younger brother of John Wilkinson. Several of the letters are from Wilkinson's mine agent and partner Robert Burton.

For drawings of the engines see Portfolios 5/582, 5/593.

1. Letter. William Wilkinson (Plasgrono) to Boulton & Watt Jr. (Soho). 7 Mar. 1802.  
*Requesting an estimate for an engine for a lead mine he and Robert Burton are planning to establish at Llanarmon.*
2. Letter. Robert Burton (Minera) to James Watt Jr. (Birmingham). 10 May 1802.  
*He and Wilkinson are to have the mine, therefore they wish to have the estimate. He proposes that it will be deeper than mentioned by Wilkinson.*
3. Letter. Robert Burton (Minera) to Boulton Watt & Co. (Soho). 17 May 1802.  
*Orders an engine of the first size mentioned for £715. Asks where he can get the remainder of the plain pipes.*
4. Letter. Robert Burton (Minera) to Boulton Watt & Co. [Soho]. 27 May 1802.  
*Water for the engine is to be delivered at surface level. Will build the engine house with stone. Requests dimensions of the beam.*
5. Letter. Robert Burton (Minera) to Boulton Watt & Co. (Soho). 25 Sep. 1802.  
*The engine house is complete. When will the engine be ready?*
6. Letter. William Wilkinson (Plasgrono) to Boulton Watt & Co. (Soho). 4 Oct. 1802.  
*Directions for forwarding the goods. Will want another engine for a coal mine[Plas Mostyn] in the Spring. Failure of the attempt to cast a copper table at Bersham. Does James Watt Jr. still require a "waiter" for the counting house?*
7. Letter. William Wilkinson (Plasgrono) to James Watt Jr. (Soho). 10 Oct. 1802.  
*Reflections upon James Watt and Gregory Watt's trip to France. Details of Thomas Miller, whom he recommends for the storekeeper's job. Failure of an attempt to cast a copper table at Bersham.*
8. Letter. Robert Burton (Minera) to Boulton Watt & Co. (Soho). 13 Nov. 1802.  
*Docketed as 13 Dec.*  
*Sends £700 on account of the Llanarmon engine. Wishes a man to be sent within 3 weeks to erect the engine and examine the Caemynydd West End engine.*
9. Letter. Robert Burton (Minera) to Boulton Watt & Co. (Soho). 27 Feb. 1803.  
*Pearson will begin to examine the Caemynydd engine tomorrow. He has almost finished the Llanarmon engine.*



10. Letter. William Wilkinson (Plasgrono) to Boulton Watt & Co. (Soho). 5 Jun. 1803.  
*Sends a bill for payment of Thomas Pearson's time and for money he owes to James Watt Jr. Favourable report of the engine – details of its performance. Will want another engine for his coal workings. Gives particulars of situation and wishes to have drawings of the engine house.*
  
11. Letter. William Wilkinson (Plasgrono) to James Watt Jr. (Soho). 11 Jun. 1803.  
*On the same sheet:*  
Letter. William Wilkinson (Plasgrono) to Boulton Watt & Co. [Soho]. 11 Jun. 1803.  
*Developments at Bersham. Thoughts on the case against Matthew Murray of Leeds. Mr. Lloyd's raising of 100 men at Minera for artillery. Returns his rectified draft. Will send particulars of the locale of the coal mine in a few days.*
  
12. Letter. Robert Burton (Minera) to Boulton Watt & Co. [Soho]. 13 Aug. 1803.  
*Sending their own plan for the Plas Mostyn engine house.*
  
13. Letter. William Wilkinson (Flookborough) to James Watt Jr. (Lees Esq., Salford). 13 Aug. 1803.  
*Hopes to get the Plas Mostyn engine house up this Autumn. Hopes to visit Soho. Is about to return home. Mr. Stockdale of Cark requires a new engine for his mill. Can James Watt Jr. go to advise them on a new one.*
  
14. Letter. William Wilkinson (Minera) to Boulton Watt & Co. (Soho). 25 Aug. 1803.  
*Will adopt Boulton Watt & Co.'s plans for the engine house. Hopes he and Burton will be able to visit Soho. His plans for supplying water to the engine.*
  
15. Letter. William Wilkinson (Minera) to Boulton Watt & Co. (Soho). 29 Aug. 1803.  
*Details of the size of the pumps at Plas Mostyn. Can Boulton Watt & Co. send all the details of a suitable engine?*
  
16. Letter. Robert Burton (Minera) to Boulton Watt & Co. (Soho). 8 Sep. 1803.  
*Confirming the order for the Plas Mostyn engine – 36 inch, 8ft. stroke with an iron beam, parallel motion and 3 working barrels.*
  
17. Letter. William Wilkinson & Robert Burton (Minera) to Boulton Watt & Co. (Soho). 13 Mar. 1804.  
*Some of the materials have arrived. Everything is ready for an engine erector.*
  
18. Letter. William Wilkinson (Plasgrono) to Boulton Watt & Co. (Soho). 16 June 1804.  
*They have started the Plas Mostyn engine and it works well, but a few articles are deficient. Pearson is repairing the Llanarmon engine and will return to repair the Plas Mostyn one. Sends £1360 for the Plas Mostyn engine. Problems with the Bersham engineers repairing the Caemynydd West End engine.*

**MS 3147/3/509**  
**SPECIAL SUBJECTS & CORRESPONDENTS**  
**JEAN HYACINTHE DE MAGELLAN**  
**1777—1785**

INTRODUCTION

Letters from Jean Hyacinthe de Magellan, Portuguese scientist, from 1777 to 1785. The bundle includes letters about Magellan's book on latent heat and accounts for books bought by Magellan for the Lunar Society and James Watt.

1. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to Matthew Boulton [Soho]. 8 Dec. 1777.
2. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to James Watt (Soho). 30 Jan. 1778.
3. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to Matthew Boulton [Soho]. 28 Feb. 1778.
4. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to Matthew Boulton (Soho). 3 Mar. 1778.  
*The outside of the letter is directed to Boulton & Watt.*
5. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to James Watt (Birmingham). 12 Mar. 1778.
6. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to James Watt (Soho). 21 Mar. 1778.
7. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to Matthew Boulton (Soho). 17 Apr. 1778.
8. Memorandum (in French). Article de la lettre de Mr. d'Heronville à Mr. du Magellan datée le 17 Mai 78; sur l'affaire de Messrs. Boulton & Watt. 17 May 1778.  
*Sent by Magellan to Boulton & Watt circa 22 May 1778.*
9. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to Matthew Boulton (Soho). 21 Jul. 1778.
10. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to Matthew Boulton (Redruth). 16 Oct. 1778.
11. Letter. J. de Magellan (London) to James Watt (Soho). 13 Jan. 1779.  
*The outside of the letter is directed to Boulton & Watt.*
12. Letter. J. de Magellan (London) to James Watt [Soho]. 21 Jan. 1779.
13. Letter. J. de Magellan (London) to James Watt [Soho]. 29 Apr. 1779.  
*Docketed "Recommending 3 Portuguese noblemen."*

14. Letter. J. de Magellan (12 Nevill's Court, Fetter Lane, London) to James Watt (Birmingham). 22 Feb. 1780.
15. Letter. J. de Magellan (London) to James Watt (Birmingham). 7 Mar. 1780.  
*Docketed as 8 Mar.*  
*Docketed "Latent heat."*
16. Letter. J. de Magellan (London) to James Watt [Birmingham]. 17 Mar. 1780.
17. Letter. J. de Magellan (London) to James Watt (Birmingham). 27 Mar. 1780.
18. Letter. J. de Magellan (London) to James Watt [Birmingham]. 22 Apr. 1780.
19. Letter. J. de Magellan (London) to James Watt (Birmingham). 8 Aug. 1780.
20. Letter. J. de Magellan (London) to James Watt (Birmingham). 16 Sep. 1780.
21. Letter. J. de Magellan (London) to James Watt (Soho). 6 Oct. 1780.  
*With 2 small squares of gauze enclosed in the letter.*  
*Docketed "With caoutchouc varnish and acceptance of our terms about copying machines."*
22. Letter. J. de Magellan (London) to James Watt (Birmingham). 31 Oct. 1780.
23. Letter. J. de Magellan (London) to James Watt (Birmingham). 20 Dec. 1780.
24. Letter. J. de Magellan (London) to James Watt (Birmingham). 13 Jan. 1781.  
*With wrapper docketed "Mr. Magellan 31 Dec. 1780 & 13 Jan. 1781."*
25. Letter. J. de Magellan (London) to James Watt & Co. (Birmingham). 20 Sep. 1782.
26. Letter. J. de Magellan (London) to James Watt (Birmingham). 5 Oct. 1782.
27. Letter. J. de Magellan (London) to James Watt & Co. (Birmingham). 12 Oct. 1782.
28. Letter. J. de Magellan (London) to James Watt (Birmingham). 8 Mar. 1783.  
*Docketed "With Rozier's Journal."*
29. Letter. J. de Magellan (London) to Matthew Boulton or James Watt (Birmingham). 11 Mar. 1783.  
*Docketed "Concerning Monsieur Genet."*
30. Letter. J. de Magellan (London) to James Watt (Birmingham). 22 Dec. 1783.
31. Letter. J. de Magellan (London) to James Watt (Birmingham). 24 Feb. 1784.
32. Letter. J. de Magellan (London) to James Watt (—). 23 Mar. 1784.  
*Docketed as 30 Mar.*
33. Letter. J. de Magellan (London) to Boulton & Watt (Birmingham). 15 Jun. 1784.
34. Letter. J. de Magellan (London) to James Watt (Birmingham). 3 Sep. 1784.  
*Docketed "With his account. Settled with him in Oct. 1784."*

- 35a.** Memorandum. Books bought of Mr. Magellan by the Lunar Society. Jan. 1783—1784.  
*Kept with (b) – (f) below.*  
*Docketed “Mr. Magellan’s accounts 1784.” Used as a wrapper for the items below.*
- b.** Memorandum. Lunar Society bought of Mr. Magellan. Mar. 1783—Feb. 1784.  
*In James Watt’s hand.*
- c.** Account. James Watt debtor to James Watt & Co. for books bought from Mr. Magellan.  
Mar. 1784.
- d.** Account. Mr. Magellan in account with James Watt & Co. 9 Oct. 1782, — 1784, 4 Sep.  
1784.
- e.** Memorandum. Mr. James Watt with Mr. Magellan.  
*Books bought by Watt on 7 Mar. 1783, 4 and 9 Sep. 1784.*
- f.** Account. Mr. Watt debtor [to Mr. Magellan].  
*Docketed “Mr. Magellan’s account paid Oct. 1785 £3.2.2.”*
- 36.** Memorandum. Books bought from Mr. Magellan. Mar. 1784 & 1785.  
*In James Watt’s hand.*  
*Docketed “Account of books bought from Mr. Magellan for myself – paid.”*
- 37.** Memorandum. Calculations re a steam engine.