

ARCH : WHEAT

- 1/1-2 - Wheatstone's Automatic System. Plate 1 [bearing figs. 1-3, and ms. initialled note 'requires further correcting']; Plate 2 [bearing figs. 1-5]
Printed by Clay, Son & Taylor, Bread St. Hill
- 2 1857 Jul 26 Diagram shewing by curves the duration and force of the Magneto Electric and Voltaic Currents obtained by use of second's Pendulum. [Bears signature of William Whitehouse]
Ms., drawn by John Marshall C.E.
- 3 1847 The adjustments of the transit-instrument. [Lithographed sheet of figures, and text describing the telescope which revolves 'in the plane of the Meridian'. Initialled C.P.S.]
- 4 - A Chart of the South Atlantic Telegraph projected by F.R.Window C.E.
Printed by Day & Son
- 5 1866 Dec Appareil de Télégraphie Atmosphérique. Mignon et Rouart, constructeurs –mécaniciens ... Paris
Printed by Jailly, Paris
- 6 - Spectra secundi Ordinis Nitrogenii Oxygenii Phosphoris Sulphuris Selenii
Printed in Berlin
- 7 1869 Diagram. Showing the contacts made during the transmission of the following signs. Ms, showing five separate signs and corresponding 'Proportions'. Bears initials W.G. (i.e. W. Groves)]
- 8 - [Wheatstone's plans for submarine telegraphy. Bears plan of route under English Channel from South Foreland to Cap Grisnez, drawings of method of paying out cable from boat and of cable's construction]
Line drawing, part with wash
- 9/1-4 - [Chronoscope. Four sheets bearing various ms. figs. of chronoscope, battery, ball holder and target in differing layouts. One sheet watermarked 1862]
- 10 - Thermo-Générateur. Appareil de Chauffage par le frottement et sans aucun Combustible Transformation de forces naturelles perdues ou non employées, en chaleur utile
Printed in Paris
- 11 - Instantaneous key No.2. [Line drawing showing construction]
- 12 - Telegraphisches Schrift-System, [i.e. dot-dash punched tape. Bears four amusing vignettes]
Printed in Munich
- 13 1868 Memo of Experiments at E.I.T.Cs. [Electric and International Telegraph Company] loop line between Amsterdam and London with Dot transmitter and Chemical Printer January 1st 1868.
[Bears 6 separate ms. figs.]

- 14 1869 Aug Channel Railway Tube. [Bears plan and various sections, including longitudinal section showing tube's construction. Bears signatures of J.F. Bateman and J. J. Révy, engineers]
Printed by Kell Bros., Holborn
- 15 - Wheatstone's Electric Telegraph. Explanation of Drawings [i.e. figs. 1 to 7]/William F. Cooke, Managing Partner. [Further information from Cooke, and Robert Wilson, solicitor, 1 Copthall Buildings, London]
Printed by J. Grieve, Nicholas Lane
- 16 - Variationen der vier telegraphischen Grundzeichen für Apparate mit zwey Schreibstiften. [Bears stamp of Koen Bayer Telegraphen Amt]
- 17 - Description of the electric telegraphs, as arranged on the South-Eastern Railway/Charles V. Walker, Superintendent of Telegraphs. [Bears both 'plan' and text]
- 18 1857 May 8 Atlantic Telegraph Company. [Ms.] Diagram shewing the variations in insulation under different temperatures of the (D) Cable at Morden Wharf. [Bears name E.O.W. Whitehouse, electrician]
- 19 1845 Specification of Messrs. Wheatstone and Cooke's patent of 6th May, 1845, for Improvements in Electric Telegraphs, and in Apparatus relating thereto; part of which Improvements are applicable to other Purposes [i.e. patent no. 10,655. This is a printed text of the specification, without the drawings, but it is not the official printed version published by the Patent Office]
26p
- 20/1 - [Electric Telegraph] 'This is a perspective of the instrument represented in Sheet 1 of the specification to the English patent 6 May 1845'
[i.e. patent no. 10, 655. Figs. 1 & 2]
Line drawing
- 20/2 - [Electric Telegraph] 'This is an incorrect sketch of what is drawn correctly in Sheet 1 Specification 1845' [i.e. patent no. 10,655. Elevation, plan]
Line drawing
- 21/1-2 - [Cryptograph. 2 sheets bearing virtually identical figs. 1 to 7]
Line drawings with wash
- 21/3 - [Ms. draft] Wheatstone's provisional Specification . ['The first part ... [being for] ... an instrument which I term the Cryptograph ...']
5p
- 21/4 - [Ms. description: 'When the Decipherer is used to translate the messages in cypher prepared by the instrument. Fig. 5']
1 leaf
- 22/1 - [4, 5 and 6 needle telegraph apparatus. Three drawings bear 'Drawn by A. Lutowski']
Line drawings (4) with wash
- 22/2 - [4 and 5 needle telegraph apparatus]
Line drawing

- 22/3 - [5 needle telegraph apparatus]
Printed, J. Basire lith.
- 22/4 - [4 needle telegraph apparatus]
Sheet of numerous line drawings
- 23 - [Map of Irish Sea between Portpatrick (now in Dumfries & Galloway) and Donaghadee, co. Down, N. Ireland, giving depth in fathoms at many points between]
Ms.
- 24 1841 May 7 [Drawing of an electrically fired cannon/A. Lutowski]
Line drawing
- 25 c.1841 [Drawings (18) of various untitled apparatus, all seemingly drawn by A. Lutowski, some bearing date 1841 Jul]
Line drawings with colour wash
- 26 c.1870 [Various figs. (on 9 sheets) of component parts of Wheatstone automatic telegraph apparatus. One bears name W. Groves del. 1870, though all probably by him]
Line drawings, some with colour wash
- 27 c.1845? [Various figs. (on 5 sheets) of untitled apparatus, drawn by same hand. One watermarked 1845]
Line drawing with grey wash
- 28 c.1845-1859? [Drawings (on 6 sheets) re construction of telegraph draw posts, of 'mode of carrying a communication along an avenue' etc. One sheet signed W.H. Hatcher 1845 'represents the improvements which were the subject of [Cooke's] English patent [no. 9465] of 8 Sept 1842'. Two sheets watermarked 1845 and 1859]
Line drawings, some with colour wash
- 29 NO. NOT USED
- 30/1-4 - [Line drawings of electromagnetic engines, three labelled 'Plan verticale', 'Plan oblique', 'Plan horizontal'. Plan horizontale includes scale 1-24 inches. Plan oblique bears rough pencil diagram on reverse]
- 31/1 - [6 diagrams of parts of early printing telegraph on material. One labelled 'Stamping wheel', 'Paper wheel', 'Paper wheel', 'Type wheel', 'Inking wheel'. Another identifies 'Paper']
Line drawings
- 31/2 - Sheet 1 [Bears figs. 1-5. Line drawings matching those in 31/1. One labelled 'Adjusting stud']
- 31/3 - Large hand indicator No 1, fig 2, Sheet 1
[circled pencil note 'for fig 3 [illegible word]']
Line drawing with colour wash

- 31/4 - Large hand indicator. Fig 1
The red letters refer to the French patent and are not to be noticed in the patent
[Partial watermark dated 1866]
Line drawing
- 31/5 1865 [2 diagrams. One appears to match fig. 1 in 24/2. Both bear pencil notes. Bears inscriptions in ink and pencil on reverse]
Wheatstones Provisional Specification 1865
Charles Wheatstone 19 Park Crescent Polland [?] Road
A. Stroh Esq Hampstead House
- 31/6 - fig 3 Sheet 1 [Line drawing with colour wash matching figs. 3 and 6 in 24/2 with added section and labels. Circled pencil note 'done with']
- 31/7 - [Line drawings of lettered dials. Pencil signature on reverse matches that of 31/5]
- 31/8 c.1868? fig 5 Sheet 1 [Line drawing matching fig. 5 of 31/2]
Partial watermark of Whatman 1868
- 32/1-2 1841 Oct 23 [2 sheets of line drawings showing a telegraph in which a dial with letters around the edge is advanced letter by letter. Colour wash, bearing date and signature 'V Rat[?']]
- 33/1 - [Rough pencil diagram showing how the chronoscope is used to measure the speed of a projectile, which breaks a wire as it leaves the gun barrel and then breaks wires in a succession of frames along the flight path. See also 98]
Watermark similar to those of 33/2-5
- 33/2 - [Line drawing of a keypad]
- 33/3-5 - [Line drawings showing perspective]
- 34 - [Line drawing signed 'A. Stroh']
- 35/1-2 1844 Drawings of the Electromagnetic Induction Telegraph
[2 identical sheets of figs. 1-12]
Line drawing
- 36 - Fig 3 [Circle marked with compass points and diagram drawn over the top. Marked with dates from 1842-1844 and word 'moyenne']
Line drawing
- 37 - [Ms. cross-shaped diagrams plotted with red lines marked with compass bearings and dates in French. Figs. 4-18]
- 38/1-3 - [Figs. 1-21. Line drawings]
- 39/1-3 1841 Oct 8 [Line drawings of remote-reading meteorological instruments bearing signature 'V Rat[?']]

- 40/1 - [Ms. description in Wheatstone's hand: 'A toothed wheel A is fixed on the arbor which carries the type [...]' Relates to Wheatstone's early printing telegraph]
1 leaf
- 40/2 - [Ms. description in Wheatstone's hand: 'A are the centers of motion [...]' Relates to Wheatstone's early printing telegraph. Includes diagram]
1 folded leaf
- 40/3 - The stamping part
[Ms. description in Wheatstone's hand: 'From the striking train of which a part is described proceeds an axle or spindle [...]' Relates to Wheatstone's early printing telegraph. Headed by a handwritten note in pencil 'Not as eventually constructed']
1 leaf
- 40/4 - The New Inking type printer (the releasing part)
[Ms. description in Wheatstone's hand: 'On the arbor or spindle carrying the type and scapewheel is fixed a saw toothed wheel A [...]' Relates to Wheatstone's early printing telegraph.]
1 leaf
- 40/5 - [Ms. description in Wheatstone's hand: 'The action of the transmitting instrument is explained by reference to Figs. 1.2. side views and figs. 3.4. plans [...]' Relates to Wheatstone's early printing telegraph.]
5 bound leaves
- 41/1-2 1851 Nov [Line drawings apparently to do with globes and measurements. Signed 'C. Bectier']
- 42 - [Shaded pencil drawing of sphere, cube and cone. Signed 'Nellie Tatlow']
- 43 - [Line drawing with colour wash of a device for demonstrating Lissajous' figures with infinitely variable ratio between two drives]
- 44 - [Line drawing with colour wash]
- 45 - [Line drawing with colour wash of ship's wheel and Engine Room Telegraph. Bears pencil note reading 'Steering. Captain's Cabin']
- 46 - [Line drawing with colour wash]
- 47 - [Line drawing with colour wash. Marked '1/3']
- 48 - [Telegraph keypad producing Morse signals. Line drawing with colour wash]
- 49 - [Line drawing with colour wash showing the mechanism of Wheatstone's Symphonium]
- 50 - [Line drawing with colour wash showing a stator for Wheatstone's third electromagnetic engine with windings in radial slots in an iron plate]
- 51 - [Line drawing with colour wash]

52	-	[Line drawing with colour wash. Bears pencil line drawing on verso]
53	-	[Line drawing with colour wash]
54	-	[Line drawing with colour wash of an arrangement of cogs]
55	-	[Line drawing of a man in a room using an early telegraph]
56	c.1832?	[Line drawing of a galvanometer, bearing note 'The scale of this sketch is about ½ Inch to a foot. It is not to be depended upon as a working drawing'] Watermarked J Whatman 1832
57	-	[Line drawing with colour wash]
58	c.1854?	[Line drawing with colour wash] Partial watermark of J Whatman 1854
59	c.1840?	[Line drawing of telegraph components] Watermarked J Whatman 1840
60	-	[Line drawing of telegraph components]
61	c.1845?	[Line drawing of telegraph components bearing scale of 0-12 inches] Partial watermark of J Whatman 1845
62	c.184-?	[Line drawing of telegraph components] Partial watermark of J Whatman
63	-	[Line drawing of telegraph components, Fig 6 – Fig 11] Watermarked Joynson
64	-	[Line drawings of telegraph components]
65	-	[Line drawing of bellows for a musical instrument arranged to blow whether the bellows are pushed or pulled]
66	-	--- as above ---
67	-	[Line drawing relating to telegraphs]
68	-	--- as above ---
69	-	--- as above ---
70	-	--- as above ---
71	-	[Line drawing of an optical instrument]
72	1842 Dec 17	[Line drawing of telegraphic apparatus. Bears 'F.O.W. Dec 17 th 1842' on verso]
73	-	[Line drawing of electrical apparatus bearing scale of 1-8 inches]
74	-	[Line drawing of an optical instrument]

- 75 - [Line drawing of an optical device, possibly a polar clock]
- 76/1 1838 William Fothergill Cooke Specification 18th October 1838 for Improvements in giving signals and sounding alarums at distant places by means of Electric Currents transmitted through metallic Circuits. Sheet A of Second English specification. Patent sealed 18 April 1838. That specification printed Repertory 4th series Vol XI p129 Drawn by J Farey, 67 Guildford Street, Russell Square, London [Line drawing with colour wash. See English patent 7614 of 18 April 1838]
- 76/2 1838 [As above] Sheet B of second English specification
- 77/1 1846 Cooke and Wheatstone English Patent 6 May 1845. Specification unrolled 6 Novr 1845. Tab I. Dessine par J Farey No 67 Guildford Street, Rusell Square, London, 1846 [Line drawing with colour wash. See English patent 10,655]
- 77/2 1846 [As above] Tab II
- 77/3 1846 [As above] Tab III
- 77/4 1846 [As above] Tab IV
- 77/5 - [Line drawing matching figs. in 77/4]
- 77/6 c.1845? Figure I [Line drawing with grey wash matching fig. 2 in 77/3. Bears note in pencil 'Ask W. Hatcher Cannot this be brought into Sheet IV'] Watermark J Whatman 1845
- 78 - [Line drawing with colour wash. Two line drawings on separate pieces of paper stuck on. One section labelled 'Section pole of Magnet']
- 79 - [Unfinished line drawing with grey colour wash of apparatus with pendulum on a table]
- 80 - [Line drawing with colour wash of printing telegraph with weighted pulleys and a lettered dial]
- 81 - [Line drawing with colour wash]
- 82/1 - [Line drawing with colour wash. 'Wheatstone' is written on reverse, but it is not his signature]
- 82/2 - [Line drawing with colour wash matching that of 82/1. Mounted on card]
- 83 1843 De la production des métaux précieux au Mexique, considérée dans ses rapports avec la géologie, la métallurgie et l'économie politique, par St. Clair Duport. Planches. Paris, chez firmin Didot frères, Libraires, imprimeurs de l'Institut de France, rue Jacob, 56 [Cover containing five folded sheets (see 83/1-83/5). Bears handwritten notes in French]
- 83/1 [1843] Plan de la Hacienda Nueva du Fresnilla. Elevation d'une des facades du patio. Pl.I Imprimé par E. Jullet. Dulos delin. et sculpt.

- 83/2 [1843] Appareils pour l'amalgamation Mexicaine (Patio). PI.II.
Imprimé par E. Jullet. Dulos del. et sculpt.
- 83/3 [1843] Appareils pour l'amalgamation à chaud (Cazo). PI.III
Imprimé par E. Jullet. Dulos del. et sulp.
- 83/4 [1843] Coupe verticale des mines de Guadalupe y Calvo. PI.IV
Imprimé par E. Jullet. Dulos del. et sculp.
- 83/5 [1843] Carte des principaux districts de Mines du Mexique. Reduite d'après
celle de Mr. Le Baron A. de Humbold. Longitude occidental de Paris.
PI.V
Imprimé par E. Jullet
- 84/1 - No.4 [Tape reader and puncher. Figs. 1-4. Line drawing]
- 84/2 - No.5 [Tape reader and puncher. Figs. 1-5. Line drawing]
- 84/3 - No.7 [Tape reader and puncher. Figs. 1-4. Line drawing]
- 84/4 - No.8 [Tape reader and puncher. Figs. 1-2. Line drawing]
- 84/5 - No.8 [Tape reader and puncher. Figs. 1-2. Line drawing. Different from
84/4]
- 84/6 - No.8 [Tape reader and puncher. Figs. 5-6. Line drawing]
- 84/7 - [Tape reader and puncher. Line drawing]
- 84/8 - [Tape reader and puncher. Figs. 1-4. Line drawing. Bears small sketch
on verso]
- 85 1844 May Die system der magnetischen curven, isogonen und isodynamen nebst
anderweiligen empirischen Forschungen über die magnetisch polaren
Kräfte, ausgeführt in 37 grossen graphischen Darstellungen auf 31
Tafeln und Dr. Schottin von J. Ernst Herger. Nebst einem Vorworte
vom Herm Dr. G.A. Erman, Professor an der Universität zu Berlin. In
vier Heften.
Leipzig. Bei E. Pönicke & Sohn. Druck von C.P. Melzer in Leipzig.
[Printed text and diagrams. Bears signature 'C. Wheatstone' on front
cover]
- 86 1806 [Item in gothic script German, apparently a pamphlet about St. Peter's
Organ, Munich]
8p, uncut
- 87 - [Item in gothic script German. Specification of St. Peter's Organ,
Munich]
- 88 - [Plan of unidentified building, probably that containing St. Peter's Organ]
- 89 1856 [Plates (21) disbound from volume *Graphic representations of optics*
(German edition) by F. Engel & C.H. Schellbach, 1856. 1-18 bear
diagrams relating to lines of vision of the eye. 19 and 20 bear
diagrams of telescopes. 21 bears diagrams of a microscope.]
- 90 1844 Scale 1/4th real size. W.H. Hatcher
[Fig.1-Fig.13. Line drawings of letter indicating telegraph with rotating
wheel]
Watermarked J Whatman

- 91 c.1845? [3 diagrams of unidentified apparatus which includes what appears to be a bell. Line drawings]
Watermarked J Whatman 1845
- 92 - [Diagram of hand-turned electric generator in the Electricity Supply Collection. Line drawing]
Watermarked Blacons 71
- 93 - [Fig.I-Fig.VII. Unidentified diagrams. Line drawings]
- 94 c.1845? [Line drawing with grey wash showing a tensioning device for overhead lines]
Watermarked J Whatman 1845
- 95 - [Line drawing of double acting relay with contacts dipping into mercury]
- 96 c.1845? [Unidentified line drawing with grey wash]
Watermarked J Whatman 1845
- 97 - [Unidentified pencil sketch]
- 98 - No1-No7. [Pencil sketch of a chronoscope and wire 'targets' to be broken by a projectile. See also 33/1]
- 99 - [Line drawings of apparatus involving punched tape]
- 100 - [Unidentified line drawing]
- 101 c.1838? Insulated copper outside [Line drawing]
Watermarked R & H Settle 1838
- 102 - [Unidentified pencil line drawing]

FOLDERS

This section consists of ten bound folders of material

Folder 1

- | | | |
|-----|----------|--|
| 1/1 | 1840 Jul | Charles Wheatstone and William Fothergill Cooke Specification, 21 July (Patent for England 21 July 1840) Improvements in giving signals and sounding alarms by means of electric currents
Sheet I of the third English specification
[Figure 1 – 7]
Drawn by J. Fa[rey], 67 Guildford Street, Russell Square, London
[Line drawing with colour wash] |
| 1/2 | 1837 Dec | William Fothergill Cooke and Charles Wheatstone Specification 12 th December 1837 (Patent for England 12 June 1837) Improvements in giving signals and sounding alarms in distant places by the means of electric currents transmitted through metallic circuits
Sheet I of the first English specification
[Various lettered figures]
Drawn by J. Farey, 67 Guildford Street, Russell Square, London 1837
[Line drawing with colour wash] |
| 1/3 | 1837 Dec | William Fothergill Cooke and Charles Wheatstone Specification 12 th December 1837 (Patent for England 12 June 1837) Improvements in giving signals and sounding alarms in distant places by the means of electric currents transmitted through metallic circuits
Sheet II of the first English specification
[Various lettered figures]
Drawn by J. Farey, 67 Guildford Street, Russell Square, London 1837
The description of this is printed in Repertory, fourth series, Vol XI, p101
[Line drawing with colour wash] |
| 1/4 | 1837 Dec | William Fothergill Cooke and Charles Wheatstone Specification 12 th December 1837 (Patent for England 12 June 1837) Improvements in giving signals and sounding alarms in distant places by the means of electric currents transmitted through metallic circuits
Sheet III of the first English specification
[Figures 21 – 24 and L, W, Z]
Drawn by J. Farey, 67 Guildford Street, Russell Square, London
The description of this is printed in the Repertory, fourth series, Vol XI, p94
[Line drawing with colour wash] |
| 1/5 | 1840 Jul | Charles Wheatstone and William Fothergill Cooke Specification 21 July 1840. Improvements in giving signals and sounding alarms by means of electric currents
Sheet I
[Figures 1-7]
Drawn by J F[arey] Guildford Street, Russell Square, London
[Line drawing with colour wash] |

- 1/6 1840 Jul Charles Wheatstone and William Fothergill Cooke Specification 21 July 1840. Improvements in giving signals and sounding alarums by means of electric currents
Sheet II
[Figure 9, Figures 20–23]
Drawn by J. Farey, 67 Guildford Street, Russell Square, London
[Line drawing with colour wash]
- 1/7 1840 Jul Charles Wheatstone and William Fothergill Cooke Specification 21 July 1840. Improvements in giving signals and sounding alarums by means of electric currents
English Patent 21 Jany 1840
Sheet III of the third English specification
[Figures 11–14 and Figures b, H, W]
Drawn by J. Farey, 67 Guildford Street, Russell Square, London
[Line drawing with colour wash]
- 1/8 1840 Jul Charles Wheatstone and William Fothergill Cooke Specification 21 July 1840. Improvements in giving signals and sounding alarums by means of electric currents
Drawn by J. Farey, 67 Guildford Street, Russell Square, London
[Line drawing with colour wash]
- 1/9 1840 Jul Charles Wheatstone and William Fothergill Cooke Specification 21 July 1840. Improvements in giving signals and sounding alarums by means of electric currents
Sheet IV of the third English specification
[Figures 17 –20. Same as 1/8]
Drawn by [J. Farey] 67 Guildford Street, Russell Square, London
[Line drawing with colour was]
- 1/10 1840 Jul Pl:II of the French specification. Sheet II of the third English specification
This is the same as Wheatstone and Cooke's Specification 21 July 1840 (English Patent 21 Jany 1840) Sheet II
[Figures 9–10, 20–25]
[Line drawing with colour wash]
- 1/11 - [Line drawing almost identical to 1/10]
- 1/12 - Pl III [Figures 17-27]
[Line drawing with colour wash]

Folder 2

Folder 2 is a different version of 1/2 - 1/4

- 2/1 1837 Jun Drawings of Cooke & Wheatstone's Specification First Patent 12th June 1837 [Title page]
- 2/2 1837 Dec William Fothergill Cooke and Charles Wheatstone Specification 12th December 1837, for Improvements in giving signals and sounding Alarums in distant places by means of Electric Currents, transmitted through Metallic Circuits
Sheet I
[Various lettered figures]
[Line drawing with colour wash]

- 2/3 1837 Dec William Fothergill Cooke and Charles Wheatstone Specification 12th December 1837, for Improvements in giving signals and sounding Alarums in distant places by means of Electric Currents, transmitted through Metallic Circuits
Sheet 2
[Figures Q, R, S]
[Line drawing with colour wash]
- 2/4 1837 Dec William Fothergill Cooke and Charles Wheatstone Specification 12th December 1837, for Improvements in giving signals and sounding Alarums in distant places by means of Electric Currents, transmitted through Metallic Circuits
Sheet III
[Figures 21–24 and L, W, Z]
[Line drawing with colour wash]

Folder 3

- 3/1 1843 Mar William Fothergill Cooke Specification 8 March 1843 (English Patent 8th Sept. 1842). Improvements in Apparatus for transmitting electricity between distant places
Sheet I
Figure I Elevation of a set of long conducting or telegraphic wires
[Various other numbered and lettered figures]
Drawn by J. Farey, 67 Guildford Street, Russell Square
[Line drawing with colour wash]
- 3/2 - [Figures 1–5. Line drawing with colour wash]
- 3/3 - [Same as 3/2. Notation in different hand]
- 3/4 - [Figures 6–10. Line drawing with colour wash]
- 3/5 - [Figures 11–14. Line drawing with colour wash]
- 3/6 1843 Mar William Fothergill Cooke Specification 8 March 1843 (English Patent 8 Sept 1842). Improvements in Apparatus for transmitting electricity between distant places
Sheet II
[Figures 2–4, 7, 16–28]
Drawn by J. Farey, 67 Guildford Street, Russell Square, London
[Line drawing with colour wash]
- 3/7 1860 Oct A.D. 1860, October 10, No.2462, Wheatstone's Specification, (3 sheets)
Sheet 1
[Fig.1–9]
[Line drawing with colour wash]
- 3/8 1860 Oct A.D. 1860, October 10, No.2462, Wheatstone's Specification, (3 sheets)
Sheet 2
[Figures 1–10]
[Line drawing with colour wash]

Folder 4

- 4/1 1858 Jun A.D. 1858 June 2nd (No.1239), C. Wheatstone's Specification, (6 Sheets)
Sheet:1
[Figures 1–7. Line drawing with colour wash]
William Carpmael, Agent for the Patentee
- 4/2 1858 Jun A.D. 1858 June 2nd (No.1239), C. Wheatstone's Specification, (6 Sheets)
She[et ?]
[Page spoiled]
[Figures 8-12. Line drawing with colour wash]
William Carpmael, Agent for the Patentee
- 4/3 1858 Jun A.D. 1858 June 2nd (No.1239), C. Wheatstone's Specification, (6 Sheets)
Fig:13
[Page spoiled]
[Line drawing with colour wash]
William Carpmael, Agent for the Patentee
- 4/4 1858 Jun A.D. 1858 June 2nd (No.1239), C. Wheatstone's Specification, (6 Sheets)
Sheet:4, Fig:14
[Line drawing with colour wash]
William Carpmael, Agent for the Patentee
- 4/5 1858 Jun A.D. 1858 June 2nd (No.1239), C. Wheatstone's Specification, (6 Sheets)
Sheet:5
[Figures 15-21. Line drawing with colour wash]
William Carpmael, Agent for the Patentee
- 4/6 1858 Jun A.D. 1858 June 2nd (No.1239), C. Wheatstone's Specification, (6 Sheets)
[Figures 22-33. Line drawing with colour wash]
William Carpmael, Agent for the Patentee

Folder 5

- 5/1 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:4, Fig:17
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/2 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:1
[Figures 1–2, 4–8]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/3 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:2
[Figures 9–12]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]

- 5/4 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:3
[Figures 13–16]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/5 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:5
[Figures 18–21]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/6 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:6
[Figures 22–23]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/7 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:7
[Figures 24–28]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/8 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:8
[Figures 29–31]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/9 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:9
[Figures 32–33]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]
- 5/10 1858 Jun A.D. June 2nd (No.1241), C. Wheatstone's Specification, (10 Sheets)
Sheet:10
[Figures 34–41]
William Carpmael, Agent for the Patentee
[Line drawing with colour wash]

Folder 6

- 6/1 - In the matter of the arbitration between William Fothergill Cooke and Charles Wheatstone. Mr. Cooke's drawings. Robert Wilson, 1, Copthall-Buildings
[Title page]
- 6/2 1840 Jan Drawing 7. 3rd Patent: Messrs Wheatstone and Cooke, Jan. 21 1840
Part L, Pr. Wheatstone's Escapement Telegraph with 2 wires
Part M, Mr. Cooke's Escapement Telegraph with 3 wires
Portable Telegraph without Battery

NB. The diagrams in this Drawing are intended only to illustrate the principles on which the different Instruments act, not the Instrts. Themselves; for which vide Drawings of the 3rd Specification [Line Drawings]

- | | | |
|------|----------|--|
| 6/3 | 1840 | Drawing 8. Application of Electric Telegraph to Tunnels, Branches, Crossings &c. Mr. Cooke, 1840
[Line drawings] |
| 6/4 | 1840 | Drawing 9. Portable Telegraph for Railways: air-pressure apparatus; Detectors, &c. Mr. Cooke, 1840
[Line drawings] |
| 6/5 | 1836 | Drawing 1
Part A, Profr. Moëncke prior to March 1836
Part B, Mr. Cooke 1 st Galvanometer Telegraph with six wires, March 1836
Detector
[Line drawings] |
| 6/6 | 1836 | Drawing 2
Origin of Parts C and E
Origin of Mechan. Telegraph, March 1836 Mr. Cooke
Part D, Mr. Cooke, Origin of the Escapement Principle, Aug. 1836
[Line drawings] |
| 6/7 | 1836-7 | Drawing 3
Part C, Mr. Cooke 1 st Mechanical Telegraph, March 1836
Alarum, March 1836
Part E, Mr Cooke 2 nd Mechanical Telegraph with two wires, Feb. 1837
[Line drawings] |
| 6/8 | 1837 | Drawing 4
Part F, Prof. Wheatstone's permutating Key-board & only instrument at the date of the partnership
Part G, Mr. Cooke & Prof. Wheatstone. Discharger & Secondary Circuit, April 1837
Part H, Mr. Cooke 2 nd Galvanomr. Telegraph (with return wire), April 1837, prior to partnership
[Line drawings] |
| 6/9 | 1837 Jun | Drawing 5
Part J, Messrs. Cooke & Wheatstone's patented Electric Telegraph after Partnership
Ist patent, June 12 1837
[Line drawings] |
| 6/10 | 1838 Apr | Drawing 6
Part K, Mr. Cooke's 2 nd Patent, April 18 1838
Intermediate & Portable Telegraphs & the Alarum now in use
[Line drawings] |
| 6/11 | 1836-8 | Drawing 10. Progress of the Galvanometer Telegraph from March 1836
Moëncke prior to March 1836
Cooke, March 1836
Wheatstone prior to Feb. 1837 |

- Cooke, April 1837
Partnership
1st Patent, June 12 1837
2nd Patent, April 18 1838
Blackwall Telegraph
[Line drawings]
- 6/12 1836-40 Drawing 11. Progress of Mechanical Telegraph from March 1836
Cooke original idea of Mechanical Telegraph
Cooke 1st Mechanical Telegraph, March 1836
Alarum
Cooke 2nd Mechanical Telegraph, Feb. 1837
Cooke Experiments on the Escapement, Aug. 1836
3rd Patent, Jan. 21 1840
Wheatstone 3rd Mechanical Telegraph, Autumn of 1839
Cooke 4th Mechanical Telegraph, Nov. 1839
New applications from 1840
Vide note to Drawing 7
[Line drawings]
- 6/13 1840 Mr. Cooke's application of the electric telegraph to tunnels, branches, crossings &c.
Drawn on Zinc by J.C. Haddan, 39 Moorgate St., 5th December
Printed from Zinc by J. Grieve, 33, Nicholas Lane, London
[Signed by Cooke, 'Managing Partner'. See 6/3]
[Line drawings]
- 6/14 1840 Mr. Cooke's portable telegraph for railways: air-pressure apparatus; tectors &c.
Drawn on Zinc by J.C. Haddan, 39 Moorgate St., 5th December
Printed from Zinc by J. Grieve, 33, Nicholas Lane, London
[Signed by Cooke, 'Managing Partner'. See 6/4]
[Line drawings]
- Folder 7**
- 7/1 - [Hand written booklet in French starting 'Description de l'Embrayeur électrique destiné à mettre en jeu tous les Moteurs ...']
Lith. F. Goyer, Pass. Dauphine 7, Paris
- 7/2 - Embrayeur électrique par faire les freins par Mr. Ate. Achard
Système de transmission de l'électricité
Echelle de 1/5
Lith. Goyer, 7, p. Dauphine, Paris
[Line drawings]
- 7/3 - Embrayeur électrique par Mr. Auguste Achard. Fig1-Fig.4
Lith. Goyer, 7, Pas. Dauphine, Paris
- 7/4 1855 Plan à l'échelle de 1/4 de la Machine a filer la soie inventee et exposée par Mr. Auguste Achard, ingenieur civil et filateur à Chatte (Isère) faisant au besoin élection de domicile à Paris, chez Mrs. Coignet père et fils 220, Quai Jemmapes et à Lyon chez Mr. Deloche, Notaire Quai St. Antoine, 11.

Paris, le dix Juin, mil huit cent cinquante cinq
Paris. Lith. Goyer, 7, Pas. Dauphine
[Line drawings]

Folder 8

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|------|----------|---|
| 8/1 | 1840 Jul | dr. by A. Lutowski, the 12 th July 1840
[Line drawings] |
| 8/2 | 1840 Jul | Dr. by A. Lutowski, 16 th July 1840
[Line drawings] |
| 8/3 | 1840 Jul | dr. Lutowski, 27 July 1840
[Line drawings with colour wash] |
| 8/4 | 1840 Jul | Dr. by A. Lutowski, 30 th July 1840
[Line drawings with colour wash] |
| 8/5 | 1840 Aug | Drawn by A. Lutowski the 3 rd August 1840
[Line drawings of unidentified apparatus and steam locomotive with
carriages and passengers] |
| 8/6 | 1840 Aug | dr. by A. Lutowski, the 7 August 1840
[Line drawings] |
| 8/7 | 1840 Aug | sketched by A. Lutowski, the 12 August 1840
[Line drawings with colour wash] |
| 8/8 | 1840 Aug | drawn by A. Lutowski, 15 th August 1840
[Line drawings] |
| 8/9 | 1840 Aug | Dr. by A. Lutowski, the 15 th August 1840
[Line drawings matching 8/8] |
| 8/10 | 1840 Aug | dr. by A. Lutowski, the 15 th August 1840
[Line drawings with grey wash. More detailed version of 8/8-8/9] |
| 8/11 | 1840 Aug | Dr. by A. Lutowski, 15 August 1840
[Line drawing. More detailed version of 8/10] |
| 8/12 | - | [Line drawings similar to 8/8-8/10] |

Folder 9

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|-----|----------|--|
| 9/1 | 1840 Aug | Drawn by A. Lutowski, the 15 August 1840
[Line drawing] |
| 9/2 | 1840 Aug | drawn by A. L[utowski], the 15 th August 1840 |
| 9/3 | - | [Line drawings] |
| 9/4 | 1840 Aug | Dr. by A. Lutowski, the 15 th August 1840
[Line drawings similar to 9/3] |

- 9/5 1840 Sept Dr. by Lutowski, the 3rd September 1840
[Line drawings with colour wash, two of which are of the interior of rooms and unidentified apparatus]
- 9/6 1840 Sept Drawn by A. Lutowski, 10 Duke str. St. James, 21 September 1840
[Line drawings with colour wash]
- 9/7 1840 Oct Dr. by A. Lutowski, 11 October 1840
[Line drawings with colour wash]
- 9/8 1840 Oct dr. by A. Lutowski, the 22 October 1840
[Line drawings]

Folder 10

- 10/1 1840 Nov Sketched by Al. Lutowski C.E., 10 Duke Str. St. James, the 10th November 1840
[Line drawings with colour wash]
- 10/2 1840 Nov planed [sic] by A. Lutowski, 37 Willm Str. Hamstead Road, the 18th November 1840
[Line drawing with colour wash, part of which appears to be a railway carriage]
- 10/3 1840 Nov Drawn by A. Lutowski, 37 Willm. Str. Hamstead Road, the 18th November 1840
[Line drawing with colour wash, part of which appears to be a railway carriage]
- 10/4 1840 Nov dr. by A. Lutowski, the 25th November 1840
[Line drawing with colour wash]
- 10/5 1840 Dec Drawn by A. Lutowski, the 2nd December 1840
[Line drawing with colour wash]
- 10/6 1841 Jan Drawn by A. Lutowski, 20 January 1841
[Line drawings]
- 10/7 1841 Feb Drawn by A. Lutowski 37 William Str. Hamstead Road, 13 Febr 1841
[Line drawings, Fig.1-Fig.8. Fig.8 is a steam locomotive and carriages]
- 10/8 - Dr. by A. Lutowski
[Line drawings with colour wash]
- 10/9 - [Line drawings]
- 10/10 - [Line drawings with colour wash]