## YA2005.140

## Manchester Water Meter Co, Box List

## <u>Box 1</u>

1	Manchester Water Meter Co delivery receipt book used as memoranda of orders at rear	1965-1967
2	Apprenticeship indenture William Hawnt to George Frost, Smith & Machinist of Coventry 26 Aug 1850	1850
3	Apprenticeship indenture George Frost to John Weatherhead, William Marshall, John Vaughan Barber, & Thomas Glover, Iron Founders of Derby 23 Aug 1824	1824
4	The Universal Water Meter Company Limited Illustrated Catalogue of the Patent Absolute Measurement Water Meter [Cover at [53]?]	c.1900
5	J Tylor & Sons, Hydraulic and Sanitary Engineers Price List for J Tylor & Sons' Patent Positive Water Meter	c.1900
6	Manchester Water Meter Co Ltd Photograph album showing the first works in Ardwick	c.1860
7	Manchester Water Meter Co Ltd Register of wages	1973-1974

## Box 2

8	George Kent's Catalogue of Apparatus for the measurement of water under all conditions affecting the work of the water engineer	1901
9	Holden & Brooke Limited brochure for Leinert's Liquid Meter	1905
10	Geo. Kent brochure for Hot Water and Boiler Feed Meters	c.1900

11	Box file labelled "Early Letters etc dating from	19th-20th
	early formation of Firm", includes adverts,	cent
	brochures, manufacturing license for Hanson &	
	Chadwick patent water meter, patent records,	
	technical books, printed essays, diagrams, notes,	
	newspaper cuttings, and correspondence	

# <u>Box 3</u>

12	History of the Board of Management of the Manchester & District Armaments Output Committee by J Bissett	1919
13	Letters Patent to David Chadwick and Herbert Frost for the invention of improvements in aparatus for measuring water and other liquids	1860
14	Patent Specification of Frank Wesley Dick for improvements in apparatus usable as a meter or motor or pump	1887
15	Patent Specification of Walter George Kent for improvements in disc engines particularly suitable as water meters	1895
16	Patent Specification of William Anton Gottlieb Schonheyder for an improved construction of fluid meters, also applicable as motor engine	1895
17	Patent Specification of William Anton Gottlieb Schonheyder, as for [16], but attached to other patent specifications	1895
18	Patent Specification of Walter George Kent for improvements in apparatus suitable for use as a water meter	1889
19	Patent Specification of Charles Thomas Bullough for an improved apparatus for measuring liquids and gases	1894
20	Copy of an Act for the more effectual Prevention and Punishment of Bribery and Corruption of and by Members, Officers, or Servants of Corporations, Councils, Boards, Commissions, or other Public Bodies 52 & 53 Vict. Ch.69	1889

21 Patent Specification of Charles Thomas Bullough as for [19]  22 Letters Patent to Frederick Lawrence for the invention of improvements in engines to be worked by steam or other fluid  23 Letters Patent to David Chadwick and Herbert Frost for the invention of improvements in apparatus for measuring water and other liquids and gas applicable also to the purpose of obtaining motive power  24 Patent Specification of William Anton Gottlieb Schonheyder for a fluid pressure engine applicable as a liquid meter  25 Cutting relating to the Lacoste Water Meter 1890  26 Patent Specification of Joseph Lacoste for an improved liquid meter  27 Patent Specification of Walter George Kent as for [18]  28 Letters Patent to Herbert Frost for an invention of improvements in water meters parts of which are also applicable to other purposes  29 Patent Specification of Herbert Frost for improvements in fluid meters or motors  30 Patent Specification of Samuel Augustine de Normanville for improvements in liquid meters  31 Letters Patent to John Reid for the invention of an improved liquid meter  32 Patent Specification of David Chadwick and Herbert Frost for improvements in apparatus for measuring water and other fluids, and gas  33 Patent Specification of Herbert Frost for improvements in fluid meters or motors  34 Patent Specification of Frank Walker for improvements in meters for measuring liquids  35 Letters Patent to Herbert Frost senior and 1867			
invention of improvements in engines to be worked by steam or other fluid  23 Letters Patent to David Chadwick and Herbert Frost for the invention of improvements in apparatus for measuring water and other liquids and gas applicable also to the purpose of obtaining motive power  24 Patent Specification of William Anton Gottlieb Schonheyder for a fluid pressure engine applicable as a liquid meter  25 Cutting relating to the Lacoste Water Meter 1890  26 Patent Specification of Joseph Lacoste for an improved liquid meter  27 Patent Specification of Walter George Kent as for [18]  28 Letters Patent to Herbert Frost for an invention of improvements in water meters parts of which are also applicable to other purposes  29 Patent Specification of Herbert Frost for improvements in fluid meters or motors  30 Patent Specification of Samuel Augustine de Normanville for improvements in liquid meters  31 Letters Patent to John Reid for the invention of an improved liquid meter  32 Patent Specification of David Chadwick and Herbert Frost for improvements in apparatus for measuring water and other fluids, and gas  33 Patent Specification of Herbert Frost for improvements in fluid meters or motors  34 Patent Specification of Frank Walker for improvements in meters for measuring liquids	21	·	1894
Frost for the invention of improvements in apparatus for measuring water and other liquids and gas applicable also to the purpose of obtaining motive power  24 Patent Specification of William Anton Gottlieb Schonheyder for a fluid pressure engine applicable as a liquid meter  25 Cutting relating to the Lacoste Water Meter 1890  26 Patent Specification of Joseph Lacoste for an improved liquid meter  27 Patent Specification of Walter George Kent as for [18]  28 Letters Patent to Herbert Frost for an invention of improvements in water meters parts of which are also applicable to other purposes  29 Patent Specification of Herbert Frost for improvements in fluid meters or motors  30 Patent Specification of Samuel Augustine de Normanville for improvements in liquid meters  31 Letters Patent to John Reid for the invention of an improved liquid meter  32 Patent Specification of David Chadwick and Herbert Frost for improvements in apparatus for measuring water and other fluids, and gas  33 Patent Specification of Herbert Frost for improvements in fluid meters or motors  34 Patent Specification of Frank Walker for improvements in meters for measuring liquids	22	invention of improvements in engines to be	1853
Schonheyder for a fluid pressure engine applicable as a liquid meter  25 Cutting relating to the Lacoste Water Meter 1890  26 Patent Specification of Joseph Lacoste for an improved liquid meter 1890  27 Patent Specification of Walter George Kent as for [18]  28 Letters Patent to Herbert Frost for an invention of improvements in water meters parts of which are also applicable to other purposes  29 Patent Specification of Herbert Frost for improvements in fluid meters or motors  30 Patent Specification of Samuel Augustine de Normanville for improvements in liquid meters  31 Letters Patent to John Reid for the invention of an improved liquid meter  32 Patent Specification of David Chadwick and Herbert Frost for improvements in apparatus for measuring water and other fluids, and gas  33 Patent Specification of Herbert Frost for improvements in fluid meters or motors  34 Patent Specification of Frank Walker for improvements in meters for measuring liquids	23	Frost for the invention of improvements in apparatus for measuring water and other liquids and gas applicable also to the purpose of	1857
Patent Specification of Joseph Lacoste for an improved liquid meter  Patent Specification of Walter George Kent as for [18]  Letters Patent to Herbert Frost for an invention of improvements in water meters parts of which are also applicable to other purposes  Patent Specification of Herbert Frost for improvements in fluid meters or motors  Patent Specification of Samuel Augustine de Normanville for improvements in liquid meters  Letters Patent to John Reid for the invention of an improved liquid meter  Patent Specification of David Chadwick and Herbert Frost for improvements in apparatus for measuring water and other fluids, and gas  Patent Specification of Herbert Frost for improvements in fluid meters or motors  Patent Specification of Herbert Frost for improvements in fluid meters or motors  Patent Specification of Frank Walker for improvements in meters for measuring liquids	24	Schonheyder for a fluid pressure engine	1888
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Herbert Frost for improvements in apparatus for measuring water and other fluids, and gas  Patent Specification of Herbert Frost for improvements in fluid meters or motors  Patent Specification of Frank Walker for improvements in meters for measuring liquids	31		1870
improvements in fluid meters or motors  Patent Specification of Frank Walker for improvements in meters for measuring liquids  1884	32	Herbert Frost for improvements in apparatus for	1856
improvements in meters for measuring liquids	33		1887
35 Letters Patent to Herbert Frost senior and 1867	34		1884
	35	Letters Patent to Herbert Frost senior and	1867

	Herbert Frost junior for the invention of	
	improvements in apparatus for measuring fluids, which improvements are also applicable for obtaining motive power, and for pumping	
36	Patent Specification of Charles Denton Abel for an improved liquid meter	1896
37	Letters Patent to Alfred Julius Boult for an invention of improvements in water meters	1882
38	Paper by David Chadwick "On Improvements In High Pressure Water Meters"	1860
39	Letters Patent to David Chadwick, Herbert Frost, George Hanson and John Chadwick for the invention of improvements in apparatus for measuring water and other fluids and gas, applicable also as a motive power engine	1855
40	Article in Engineering re: reciprocating water meters	1867
41	Manchester Water Meter Co Ltd pro forma letter announcing a sales visit by Mr Morton	c.1862
42	Letters of endorsement and advertising material for Frost's "Latest" Positive Water Meter	1901-1902
43	Arnold Goodwin & Son brochure for water meters	c.1930
44	Patent Specification of George Lewis Conroy for improvements in rotary engines, applicable as pumps, motors or meters	1894
45	Diagram extracted from Kent's Complete Specification No. 10,981	1893
46	Advertisement of J Tylor & Sons' Patent "Household" Water Meter	1891
47	Exhibition Supplement to The Artizan No. 4 October 1862	1862
48	Grimshaw & Baxter catalogue of lathes, turns, mandrils, etc	c.1881
49	Van Nostrand's Science Series No. 81 "Water Meters, comparative tests of accuracy, delivery,	1885

	etc"	
50	Paper by Hnery Gill "The Sale of Water by Meter in Berlin"	1891
51	"The Management of Steel" by George Ede, 3rd. edition [Owned by Henry H Frost]	1863
52	Transactions of the American Society of Civil Engineers No. 848 "The Accuracy and Durability of Water Meters"	1899
53	The Universal Water Meter Company Limited Illustrated Catalogue [Cover only — see [4]]	c.1900
54	The British Meter Company catalogue	1900
55	J Tylor & Sons Limited Catalogue Part II, Water Meters and Waterworks Fittings, etc	1891
56	Cassell's Illustrated Family Paper Exhibitor Part 7	1862
57	Patent Specification of Jules Eusebe Abdon Bel for improvements in water meters	1894
58	Patent Specification of Bernard Ambrose Collins for improvements in or connected with water meters	1894
59	Patent Specification of Walter George Kent for improved disc engines, particularly suitable as water meters	1894
60	John Russell & Co Ltd Catalogue of Steam, Water and Small Gass Fittings (Catalogue G)	1914
61	Commemorative letter opener celebrating 100 years of Frost's Positive Water Meters	1960

# <u>Framed</u>

62	Prize Medal awarded for originality of design and	1862
	practical success in water meters to The	
	Manchester Water Meter Co Limited	