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CRA

Collection of papers (1850-1880) of T R Crampton re
Dover-Calais submarine telegraphic cable, rotary puddling
furnace and machinery for excavating a Channel tunnel.

CRA

The collection of T.R. Crampton material / T.R. Crampton, London, ca 1850-1880. Includes correspondence, offprints and newspaper cuttings re Crampton's life and work, including articles on the Dover-Calais submarine telegraph cable 1851, rotary puddling furnace, machinery for excavating a channel tunnel, the Crampton prize. Also includes a few personal and family papers. T.R. Crampton, after working for Daniel Gooch and John and George Rennie, began work on his own account as a civil engineer in 1848. He is remembered principally for his locomotive design incorporating a long boiler, outside cylinders and a low centre of gravity, and for the engineering work involved in laying the submarine telegraph cable between Dover and Calais in 1851. He also invented a revolving furnace for manufacturing iron and steel, brick making machinery and a tunnel boring machine.

The collection of Crampton material was purchased in 1978 at Lawrence of Crewkerne, Somerset.

Contents

1. Miscellaneous personal papers and obituaries
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3. The Crampton Prize.
4. The Crampton Settlement Trust etc.

1. Miscellaneous personal papers and obituaries.

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|----|------------------|---|
| 1. | 1810 Dec. | Last will and testament of Thomas Wade Pink the younger. Ms draft copy. 5p. |
| 2. | 1852-1863 | Passport of Thomas R. Crampton [33 visas in leather binder with 5 loose visas] |
| 3. | 1924 Dec.
14. | Letter [from] J.M. Bacon [to] Crampton enclosing extract [entitled] Amount of collection at Sidmouth [from diary of John Bacon jnr] 1821. |
| 4. | 1887-1888 | Obituary of T.R. Crampton from Proceedings of the Institution of |

Civil Engineers Vol. XCIV. Part IV
4p.

5. 1888. 3 obituaries of T.R. Crampton [from
Engineer, Engineering and
unidentified journal].

2. Papers and offprints concerning Crampton's work

2/1 Locomotives

- 1855 March Duplicate Patent Specification of
No. 725 Mr. T. Russell Crampton for
Improvements in locomotive and other
steam boiler furnaces.
- 1886 [Offprint entitled]
Crampton's Engines - Crampton's New
Design for locomotive Engines. 7p.
illus. printed Margate: Keble's
Gazette.
- [nd] 2 museum object labels and 1p. from
catalogue on Crampton locomotives.

2/2. Puddling Furnace

- 1874 Jul. [offprint entitled]
The Crampton Rotary Puddling Furnace
Heated by Pulverized Fuel
[reprinted from] Engineering 1874
Jul. 31
16p illus. 2 plates.
- 1874 [offprint entitled]
On Crampton's Revolving Furnace and
its Products / T.R. Crampton
[Reprinted from] the Journal of the
Iron and Steel Institute No. II for
1874.
26p. illus. 2 plates.
- 1876 Jul 18 [offprint entitled]
On mechanical Puddling / T.R.
Crampton
[Excerpt from] Minutes of
Proceedings of the Meeting of the
Institution of Mechanical Engineers
1876 Jul 18 p 244-298. 7 plates.

2/3. Channel Tunnel

[nd] [offprint -entitled]
Crampton's Hydraulic System -'for
Excavating the Channel Tunnel
Automatically / [T R Crampton] [with
newspaper cutting from The Times, on
the subject, entitled Stafford
House].

2/4 Submarine Telegraph Cable

[1881 Oct] [pamphlet entitled]
Observations relatives a la Pose du
Premier Cable Sousmarin entre Calais
et Douvre en 1851.
Observations relating to the laying
of the first Submarine Cable between
Dover and Calais in 1851.-
Extracts from Proceedings of the
Institution of Civil Engineers 1857
Jul. Produced by M. Bede to M.
Dumas, Membre de l'Institut.
32p. [French and English]

1882 [Pamphlet entitled]
Facts and Observations relating to
the Invention of the Submarine Cable
and the Manufacture and laying of
the first cable between Dover and
Calais in 1851/R.S. Newall - London:
E and F.N. Spon 1882
18p. [reply to pamphlet produced by
Bede in 1881]

1887 Jan 13. Letter [from] J.I. Campbell, 17
Warwick St., Regent Street, [to]
T.R. Crampton, 4 Victoria Street,
Westminster.
re submarine telegraph and enclosing
statement.
[with]
Statement of facts concerning the
Invention and establishment of the
first submarine telegraph/J.I.
Campbell of Campbell, Reeves and
Hooper - ms. 15p.

3. The Crampton Prize

1911 Oct. 31 Letter [from] Secretary Institution
of Civil Engineers [to] T. Hillas
Crampton, 20 Wilbury Road, Have,

Sussex.

Naming recipients of Crampton Prize
for 1907-1911.

- 1911 [Paper entitled]
Laminated Bearing Springs/William
Ernest Dalby.
[Winner of Crampton Prize 1911]
Minutes of Proceedings of the
Institution of Civil Engineers vol.
CLXXXV p.346-362.
- 1930 May 13 Report of the Council, Institution
of Civil Engineers 1929-1930. p.404-
406 for mention of the Crampton
Prize.
- 1931 June 27 Letter [from] Assistant Secretary
Institution of Civil Engineers [to]
R. Crampton, 11 Somerford Road,
Cirencester.
Enclosing Memoir of T.R. Crampton
from Minutes of Proceedings of
I.C.E., Copy of Report of
Council 1888-1889 giving details of
Crampton Prize.
Institution pamphlet on the subject
of premiums and list recipients of
Crampton Prize from 1895.

4. The Crampton Settlement Trust etc.

- 1931 Apr 1. Letters of Administration to the
Estate of A.R.E.H. Crampton [on her
dying intestate]. 2p.
- 1931 July 17 Mrs. Caroline Mitchell - Will Trust
and Mr and Mrs Harry Crampton -
Settlement Trust - Distribution
Account.
Typescript 8p.
- [with 9 letters from Public Trustee
Office dated 1931 June 26 - July 29,
2 certificates recording
transactions to Public Trustee 1931
July 25 and 28 and 2 letters from
Warren, Merton, Muller and Foster,
Solicitors].