

MS 2021

[Papers compiled by J H R Body re pioneers in electrical engineering]

- /1 - [List of] Makers of Electromagnetic Engines, with sources noted
7p ms.
- /2 1970s [File re Gustave Froment and Théodore Du Moncel, including:
- Electro-Magnetic Engines produced by Gustave Froment (1815-1868), Scientific Instrument Maker, Paris, during 1844 to 1861/J H R Body, Newcomen Society. [Illustrated draft paper, with photo of bust of Froment]
- [copy pp.160-5 of Handbooks of Natural Philosophy. Electricity, Magnetism, Acoustics 1856/D Lardner, 1856, re electromotive machine of Froment (and Bourbouze)]
- [notes made by Body on writings on Froment's engines by Robert Hunt FRS (1856-7) and T Du Moncel]
- [copy pp.131-69 of Exposé des applications de l'électricité vol.3 1857/T Du Moncel]
- [copy article 'Les Moteurs Electriques de M Froment'/ T Du Moncel, from **La Lumière Electrique. Journal universel d'électricité** vol.IX no.24, 16 Jun 1883, pp.193-8]
- /3 1976-1982 [Copy articles by Dr Peter H Kylstra, Director of the Universiteitsmuseum, Utrecht, and by Ir. W W Schongs:
1975 Sept - 'From electric toy to commercial electricity production'/P H Kylstra, [from] **Elektrotechnik** vol.53, pp.637-42
1976 Aug - 'Van communicatienood naar wereldcommunicatie'/P H Kylstra, [from] **PTT** XX, 3, pp.149-59. ['From the need to communicate to world communication'; it 'reviews developments in speech therapy and indicates how aspects of this problem led to the invention of the gramophone and the telephone']
[1976] - '100 Jaar Telefoon'/P H Kylstra. [Telephone century; 'relates Bell's speech therapy to his telephone invention']

- 1977 - 'uitvindingen door nederlanders in de vroege begintijd van de elektrotechnik'/W W Schongs, [from] **PT-E** 32,7 pp.362-8 ['Discoveries by Netherlanders in the very early days of electro-technology']
- 1978 - 'de betekenis van gramme en zijn tijdgenoten voor de elektriciteitsopwekking'/W W Schongs, [from] **PT-E** 33, 10, pp.578-85. ['The significance of Gramme and his contemporaries in the development of electrotechnology']
- 1982 - '1883 ... 1983: Honderd jarig verbond van koper en ijzer De vermogenstransformator'/W W Schongs, [from] **PT/Electrotechniek** 37, 12, pp.21-3, [with ms. English précis by Body on verso of each page. '1883-1983: Centenary of the alliance of iron and copper in the transformer']
- /4 1970s [File re work of Sibrandus Stratingh and C Becker, including copy of articles by them (1835) re 'Electromagnetischen Wagen'; 4 photos of their model carriages; drafts of two Newcomen Society papers by Body re same]
- /5 1970s [Ring binder re American electrical pioneers, including notes, articles and photos re Gardner Quincy Colton 1814-98; Charles Grafton Page 1812-68; Moses Gerish Farmer 1820-93; Robert Davidson 1804-94. Includes offprint: 'The beginnings of the mechanical transport era in America'/Carl W Mitman, publication 3055 (from Smithsonian Report for 1929 pp.507-58)]
- /6 1970s [Ring binder re electrical pioneers Pieter Elias 1804-78 of Haarlem: copy article (1842) re his electro-magnetic machine; photo and ms. notes from other articles; draft paper for Newcomen Society by Body; and J T Munnich of Utrecht: copy article (1842) re his electro-magnetic machine; draft paper for Newcomen Society by Body]
- /7 1970s [Ring binder of articles, copy articles, photos, notes, correspondence re numerous electrical pioneers: Andrew Doswil, Robert Hunt, E A Cowper, William Sturgeon, Robert Davidson, Thomas Du Moncel, Gramme, Werner Siemens, Bourbouze]
- /8 1938 Nov 17 London's New Museum. The History of Electric Lighting. [Note re the Ediswan collection of historic lamps etc] 2p ts. on 1 leaf

- /9 [Photos]
- /1 - Eight Coupled [electric] Loco for Simplon Tunnel.
1300HP
- /2 - [Electric loco. Photo bears 'Art. Institut Orell-Fussli,
Zürich]
- /3 - London, Brighton & South Coast Railway. 'Elevated
Electric' 6600 volt single phase transformed to 700
on the train
- /4 - London & South Western Railway. Electrified suburban
lines in the London area. 600V DC

[Items transferred to main stock:

Electric Traction in the Simplon Tunnel/Brown Boveri & Co. 1907

625.1(43/9)

Illustrated Catalogue/The Swan United Electric Light Co Ltd (facsimile
edition). 1883

Trade Literature Collection

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