(1067)

C O P Y C O P Y

SAMUEL SHELDON

Consulting Electrical Engineer

The Addison, Middlebury, Vt.,

July 10, 1911.

My dear Mr. Dunn:

At the suggestion of Mr. Berresford I am sending you enclosed vita for your information and that of your committee.

I am also asking D. Van Nostrand Company to send you copies of three of my books.

Very truly yours,

(Signed) Samuel Sheldon.

Enclosure.

SAMUEL SHELDON.

Born 1862, married 1891, one son - Samuel Jr., born 1895.

Assistant in Physics, Wurzburg, 1887-8; Assistant in Physics, Harvard, 1888-9.

Professor of Physics and Electrical Engineering, Polytechnic Institute of Brooklyn since 1889.

Education:

Bachelor of Arts 1883, Middlebury College.
Master of Arts 1887, Middlebury College.
Doctor of Philosophy 1888, Wurzburg, Germany.
Doctor of Science 1906, University of Pennsylvania.
Doctor of Science 1911, Middlebury College.
Thoroughly familiar with German and reads French readily.

Work in the Institute:

Associate 1890.
Transferred 1891.
Director from 1898 to 1909.
President 1906-7.
Chairman Papers Committee 1902-6.
Chairman Standards Committee 1908.
Chairman Library Committee 1910.
On Committee Cooperative Research 1898-1900.
Reception 1900.
Local organizations 1902-3.
By-Laws 1903-4.
Executive 1906-7.
Code of Ethics 1908.
International Electrotechnical Commission 1908-10.

Representative of Institute:-
United Engineering Society (vice-president).
John Fritz Medal Association (past-president).
Joint Committee Soc. Prom. Eng. Education.
American Association for the Adv. Science.
International Congress of Applied Chemistry.

Other Societies:

Fellow American Association for the Advancement of Science.
Fellow Brooklyn Institute of Arts and Sciences and President Department of Electricity.
Fellow American Electrotherapeutic Association and past member Committee on Nomenclature.

Member:-
New York Electrical Society (past-president).
American Physical Society.
Society for the Promotion of Engineering Education.
American Electrochemical Society. (past-manager)
National Electric Light Association (sometime
Interurban Street Railway Association (resigned).

International Electrical Congress, St. Louis, 1904, Secretary Section B.

Publication Experience:

Thoroughly familiar with the art of printing - having printed and published an amateur paper in 1875 and kept in touch with the art since that time.

Editorial critic for D. Van Nostrand Co. since 1900. Revising editor of, and contributor to, several sections of Foster's Hand-book for Electrical Engineers.

Senior author of -
"Dynamo Electric Machinery" (eighth edition)
"Alternating Current Machines" (eighth edition)
"Electric Traction and Transmission Engineering"

The following is a partial list of papers, in some instances written in collaboration with others:-

The Magnetism of Nickel abd Tungsten Alloys, Trowbridge and Sheldon, Amer. Jour. Sci., (3) xxxviii, 462-5, 1889;
Neutralization of Induction, ibid., (3) xxxix, 17-21, 1890;
The Magneto-Optical Generation of Electricity, Sheldon, ibid., (3) xl, 196-8, 1890;
The Electric Blowpipe, Sci. Amer., lx, 68, 1889;
Electrical Waves, Pop. Sci. Monthly, xxxv, 509-14, 1889.
The Storage of Electricity, ibid., xxxviii, 355-63, 1891;
The Critical Current Density for Copper Deposition and the Absolute Velocity of Migration of Copper Ions, Sheldon and Downing, Phys. Rev., i, 51-8, 1893;
The Capacity of Electrolytic Condensers, Sheldon, Leitch and Shaw, ibid., ii, 401-11, 1895;
On the Formation of Lead Sulphate in Alternating Current Electrolysis with Lead Electrodes, Sheldon and Waterman, ibid., iv, 324-29, 1897;
The Electromagnetic Effect of Electrolytic Currents, Sheldon and Downing, ibid., vii, 122-3, 1898;
Determination of Self Induction Coefficient by Means of a Weber Inductor, Elec. Eng., New York, xi, 217, 1891;
A Method for Determining Temperature Coefficients of German Silver Wires, Sheldon and Burnett, ibid., 651-2;
The Preparation of Copper Samples for Conductivity Tests, Sheldon, ibid., xxv, 319, 1898;
The Precise Comparison of Very Small Resistances, Elec. World, xxxi, 296, 1898;
The Reliability of Magnetic Tests Made with a d'Arsonval Ballistic Galvanometer, Sheldon and Cocks, ibid., 735-6;
The Hysteretic Qualities of Iron Viewed from the Molecular Standpoint, Elec. World and Eng., xxxv, 211-12, 1900.
Concerning Rail-Bonds, Street Railway Jour., xxii, 650, 1901;
Conditions of Electrolytic Corrosion in Brooklyn, Trans. Amer. Inst. Elec. Eng., xvii, 335-40, 1900;
The Electrochemical Industries, ibid., xix, 281-94, 1902.
Concerning Uniformity in the Electrical Engineering Courses in the United States, ibid., 1151-4;
Some Recommendations Concerning Electrical and Mechanical Specifications of Trolley Insulators, Sheldon and Keiley, ibid., xxii, 231-9, 1903;
A Few Experiments with Holtz Machines (included in the 1903 report of the Committee on Current Classification and Nomenclature to the American Electrotherapeutic Assn.), Jour. Advanced Therapeutics, New York, xxii, 148-53, 229-34, 280-4;
Further Experiments with Electrostatic Machines (included in the 1904 Report, ibid.), ibid., xxiii, 150-164.
The Properties of Electrons, Trans. Amer. Inst. Elec. Eng. xxvi, 937-68;
Education for Leadership in Electrical Engineering, Proc. Amer. Inst. Elec. Eng., xxix, 4, 381-94;