

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
33 WEST THIRTY-NINTH STREET
NEW YORK



TELEPHONE PENNSYLVANIA 6-9220
CABLE, CYANDRIC

NOMINATIONS FOR 1932 LAMME MEDAL

(Confidential - For Members of the Lamme Medal Committee only)

L. B. STILLWELL

Nominated by

C. E. Skinner

For his long and distinguished
career in connection with the
design, installation, and opera-
tion of electrical machinery and
equipment.

Supporting statement by:

Charles F. Scott

C O P Y

WESTINGHOUSE ELECTRIC & MFG. CO.

East Pittsburgh, Pa.

October 26, 1932.

Dear Mr. Henline:

The Lamme Medal

I wish to nominate Mr. L. B. Stillwell for the Institute Lamme Medal Award. Mr. Stillwell has had a long and distinguished career in connection with the design, installation, and operation of electrical machinery and equipment. He was early associated with the development of alternating current with the Westinghouse Electric and Manufacturing Company, one of his outstanding inventions being that of the Stillwell Regulator. He had a very large part in the general design and lay out of the Niagara power Company plant, and was later in charge of much of the erection work and for a number of years the operation of this plant. Since that time he has been a consulting engineer with a very enviable reputation for his work along this line. He has been President of the Institute and is an outstanding member of the American Engineering Council.

As references for Mr. Stillwell, I would suggest Dr. C. F. Scott, Yale University, New Haven, Connecticut, Mr. C. A. Terry, Westinghouse Electric & Mfg. Co., 150 Broadway, New York City, and Professor P. M. Lincoln, Cornell University, Ithaca, N.Y.

Very truly yours,

(Signed) C. E. Skinner

Assistant Director of Engineering

C O P Y

YALE UNIVERSITY

New Haven, Conn.
November 1, 1932

Dear Mr. Henline:

Your letter notifies me that Mr. L. B. Stillwell is presented for consideration for the 1932 Lamme Medal of the Institute.

I met Mr. Stillwell in the fall of 1887 when, as Engineer of the Westinghouse Company, he visited the Baldwin Locomotive Works in which the first alternating current plant for industrial lighting was being installed and where I was at work. He was the first high grade engineer I had met. His ability to explain some of the mysteries of the art, his technical knowledge, his clear method of presentation, the dignity of his manner and his gentlemanly attitude made an impression on me at the start which subsequent years have confirmed.

The following year I joined the forces at Pittsburgh and was for several years under his immediate direction. We lived in the Amber Club together. He invented the "Stillwell Regulator" for the voltage adjustment of alternating current circuits at the station by voltages obtained from a transformer. I aided him in the test which demonstrated to him that this was not a scheme of raising oneself by his boot straps, but that additional current in the generator circuit compensated for the extra voltage applied to the outgoing line. All this is a commonplace today, but then it was not.

Stillwell was one of the leading engineers of the Company, not in the field of design, but in the field of system development and general engineering. He made a trip to Europe to investigate European practices about 1890. He had a great deal to do with shaping the Westinghouse policy which, in turn, had a great deal to do with the establishing of 60 cycles as standard frequency. Also 30 cycles as standard for low frequency, which unfortunately was modified by the exigencies of the Niagara development in which generator speed was fixed before frequency was established.

His outstanding comprehension of the Niagara problem and his contribution to the engineering of the initial plant as Westinghouse engineer, led to his appointment as Electrical Engineer of the Niagara Falls Power Company. Later in New York he had much to do as consulting engineer for the elevated and subway.

Stillwell is a man of high character and holds high the dignity of the professional engineer. He holds in high estimate responsibilities of the engineer to the public as is indicated by the active part he has taken in the activities of American Engineering Council.

His sane, balanced judgment on the technical policies and practises of the large organizations to which he has been advisor has enabled him to make a substantial contribution to the electrical development of the past 45 years.

Very truly yours,

(Signed) Charles F. Scott

LEWIS B. STILLWELL

patents

<u>Patent No.</u>	<u>Invention</u>
633,920	System of Electrical Distribution
399,218	Feeder Regulator
399,219	Method of Feeder Regulators
434,163	Device for Protecting Electric Circuits
565,811	Switchboards for Electrical Distribu- tion Systems
688,359	Circuit Breaker Apparatus for Electrical Circuits

LEWIS B. STILLWELL, ET AL

<u>Patent No.</u>	<u>Inventors</u>	<u>Invention</u>
535,084	Stillwell & Scott	Insulating Conduit for Electrical Conductors
1,081,342	Stillwell & Frank N. Waterman	Electric Traction Systems
