



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK, N. Y.



November 6, 1924

Dr. Elihu Thomson
22 Monument Avenue
Swampscott, Mass.

To avoid delay in consideration
of this application, please return
the form promptly.

Dear Sir:

An application for transfer to the grade of FELLOW in this Institute, under Clause(s) A & B of Sec. 4 of the Constitution (see back of this form), has been filed by

Charles F. Scott, Professor of Electrical Engineering
Yale University
New Haven, Conn.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

F. L. Hutchinson

Secretary

For how long have you personally known the applicant?

About thirty five years -

Kindly state instances within your personal knowledge of work performed by the applicant and your opinion of same.

Alternating currents, generation and distribution, conversion of phases, etc, etc, pioneer work of great value. Long sequence engineering practice of highest grade. I have served on technical committees with him - his services invaluable, etc -

Date *Nov 6 1924* Signed

Elihu Thomson Fellow

NOTE: If you desire the applicant's record before replying, please check here and return this form.

I may remark that had I known that Dr. Scott had not been transferred to the grade of fellow - I should have started proceedings to that effect years ago -

Date Nov 6 - 1924 Signed Edwin Thomson

EXTRACTS FROM CONSTITUTION

Qualifications for the grade of Fellow

- SEC. 4. A Fellow shall not be less than thirty-two years of age and shall be either:
- a. An electrical engineer by profession. As such he shall be qualified to design and to take responsible charge of important electrical work; he shall have been in the active practice of his profession for at least ten years, and shall have had responsible charge of important electrical work for at least three years.
When the applicant holds in a principal national society of an allied branch of engineering, membership of a grade for which the qualifications indicate a standing equal to that required for the grade of Fellow herein, such membership shall be considered equivalent to five of the requisite ten years of active practice of the electrical profession.
 - b. A professor of electrical engineering or of electrical science. As such he shall have attained special distinction as an expounder of the principles of electrical science and of electrical engineering; he shall have had at least ten year's experience as a teacher of electrical subjects, and shall have had responsible charge for three years, in an electrical course of a principal school of engineering. Any years of experience as defined in paragraph "a" that the applicant may have had as an electrical engineer shall be considered the equivalent of the same number of years of experience as a "teacher of electrical subjects."
 - c. A person who has done notable original work in electrical science of a character to give him a recognized standing equivalent to that required for Fellows under paragraphs "a" and "b."
 - d. A person regularly engaged in electrical work for at least ten years, who, by inventions or by special proficiency in contributions to electrical science or the electrical arts or electrical literature has attained a standing equivalent to that required for Fellows under paragraphs "a" and "b."

fully met E.T.

Qualifications for the grade of Member

- SEC. 5. A Member shall not be less than twenty-seven years of age, and shall be either:
- a. An electrical engineer by profession. As such, under general direction, he shall have designed and taken responsibility for important electrical engineering work; he shall have been in the active practice of his profession for at least five years.
When the applicant holds, in a principal national society of an allied branch of engineering, membership of a grade for which the qualifications indicate a standing equal to that required for the grade of Member herein, such membership shall be considered equivalent to two and one-half years of the requisite five years in active practice of the electrical profession.
 - b. A teacher of electrical engineering or of electrical science. As a teacher of electrical subjects he shall have had at least five years' experience in a school of recognized standing. Any years of experience the applicant may have had as an electrical engineer shall be considered the equivalent of the same number of years of experience as a "teacher of electrical engineering or of electrical science."
 - c. A person regularly employed in electrical or closely allied work for at least five years, who, by inventions or by proficiency in electrical science, the electrical arts, or electrical literature, or as an executive of an electrical enterprise of large scope, has attained a standing equivalent to that required for Members under paragraphs "a" and "b." In the case of such an executive the applicant must be qualified to take responsible charge of the broader features of electrical engineering involved in the work under his direction.

Qualifications for the grade of Associate

- SEC. 6. An Associate shall not be less than twenty-one years of age and shall be either:
- a. An electrical engineer by profession.
 - b. A teacher of electrical subjects.
 - c. A person who is interested in, or connected with, the study or application of electricity.



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK, N. Y.



November 6, 1924

Mr. Frank J. Sprague
421 Canal Street
New York, N.Y.

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Dear Sir:

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Yale University
New Haven, Conn.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

F. L. Hutchinson

Secretary

For how long have you personally known the applicant?

Many years

Kindly state instances within your personal knowledge of work performed by the applicant and your opinion of same.

Why particular? Why carry work to Newark? Why perform the work? His work are too numerous to mention. It would take too long & too much room.

Date *Nov. 7, 1924* Signed

Frank J. Sprague

Fellow

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AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
33 WEST 39TH STREET, NEW YORK, N. Y.



November 6, 1924

Dr. A. E. Kennelly
Harvard University
Cambridge, Mass.

To avoid delay in consideration of this application, please return the form promptly.

Dear Sir:

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who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

J. L. Hutchinson

Secretary

For how long have you personally known the applicant?

Some thirty years

Kindly state instances within your personal knowledge of work performed by the applicant and your opinion of same.

Professor Scott has had charge of much responsible electrical engineering work, both in design and in execution. He has shown himself a meritorious inventor, and a self-sacrificing worker for the benefit of the electrical engineering profession. He should certainly be a Fellow

Date *8th November* Signed *A. E. Kennelly* Fellow

NOTE: If you desire the applicant's record before replying, please check here and return this form.



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK, N. Y.



November 6, 1924

Prof. D. C. Jackson
Jackson & Moreland
31 St. James Avenue
Boston, Mass.

To avoid delay in consideration of this application, please return the form promptly.

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Very truly yours,

F. L. Hutchinson

Secretary

For how long have you personally known the applicant?

For some thirty years

Kindly state instances within your personal knowledge of work performed by the applicant and your opinion of same.

Prof. Scott is an eminent inventor, including such work as the well-known Scott connection of transformers. He was formerly an important engineering employe of the Westinghouse Company, and during recent years has been notable for his work as Head of the Dept. of Electrical Engineering at Yale University.

Date Dec. 8, 1924

Signed

Dugald C. Jackson

Fellow

NOTE: If you desire the applicant's record before replying, please check here and return this form.





AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
33 WEST 39TH STREET, NEW YORK, N. Y.

REC. J. J. C.

DEC 21 1924

DUPLICATE



December 19, 1924.

Mr. John J. Carty,
195 Broadway,
New York, N.Y.

To avoid delay in consideration
of this application, please return
the form promptly.

Dear Sir:

An application for transfer to the grade of FELLOW in this Institute, under Clause(s) A. & B. of Sec. 4 of the Constitution (see back of this form), has been filed by

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For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

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Secretary

For how long have you personally known the applicant?

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Kindly state instances within your personal knowledge of work performed by the applicant and your opinion of same.

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See attached letter.
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Date..... Signed.....

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