

FEB 6 1913

Form 138-250-6-12

Transfer No. 1959



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK

JAN 29 1913

191

Mr. F. J. Sprague
165 Broadway
New York, N.Y.

Dear Sir:

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

Louis Duncan, Ph.D.
Consulting Engineer
New York, N.Y.

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?

Nearly a quarter of a century

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

Dr. Duncan's work has been, it would seem, sufficiently well known and need specific detailing by me, but my opinion of it and his personal equipment is such that I cordially endorse his application to the grade of Fellow

Date *Feb. 6 - 1913* Signed *Frank Sprague* Fellow

In order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience.

JAN 6 - 1913



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

DEC 27 1912

EXTRACTS FROM CONSTITUTION 191

Mr. B. J. Arnold
105 S. La Salle Street
Chicago, Illinois

Dear Sir:

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

a
d

Louis Duncan, Ph.D.
Consulting Engineer
New York City

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?

About twenty years

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

*Pioneer Electric Railway work, D & O Tunnel, etc.,
Prof. of Electrical Engineering, Johns Hopkins Univ.
Author of Electrical Books & Papers
Nineteen times and numerous electrical work
President of A. I. E. E. set up*

Date *Jan 2 - 1913* Signed *B. J. Arnold* Fellow

In order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience.

DEC 21 1912

Transfer No. 1959



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK

DEC 27 1912

191

DEC 31 1912

Professor J. B. Whitehead
John Hopkins University
Baltimore, Md.

Dear Sir:

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

Louis Duncan, Ph.D.
Consulting Engineer
New York City

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?

Twenty years

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

I was a student under him at Johns Hopkins University for three years ¹⁸⁹¹⁻³. He inspired much original work at that institution. Much of his early work is too well known to require comment from me. ^{The fact that he has been} President of the Institute is in my opinion sufficient ground for his admission to grade of Fellow.

Date *Dec. 30th 1912* Signed *J. B. Whitehead* Fellow

In order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience.

DEC 31 1912

Transfer No. 1959



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK

DEC 27 1912

DEC 31 1912

191

Mr. Carl Hering
929 Chestnut Street
Philadelphia, Pa.

Dear Sir:

An application for transfer to the grade of **FELLOW** in this Institute, under Clause(s) ^a ~~to~~ _d of Sec. 4 of the Constitution (see back of this form), has been filed by

Louis Duncan, Ph.D.
Consulting Engineer
New York City

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?

Twenty-eight years

INDLY RETURN THIS FORM PROMPTLY

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

Testing of exhibits at Phila. Elec. Exposition of 1884.

B. & O. electrification; pioneer work.

His work at Johns Hopkins

able work represented in his numerous papers.

My opinion of him is that he is one of our ablest & leading electrical engineers of this country, & does credit to the profession.

Date *Dec. 30/12* Signed *Carl Hering* Fellow

In order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience.

DEC 31 1912

Transfer No. 1959



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK

DEC 2 DEC 31 1912

191

Professor Elihu Thomson
Swampscott
Massachusetts

Dear Sir:

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

Louis Duncan, Ph.D.
Consulting Engineer
New York City

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?

Many years, twenty or more

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

I have no direct personal knowledge, except as to his general reputation in Electrical Science and Engineering, and his having had charge of the Electrical Department of Mass Institute of Technology for about two or three years. I have not any doubt as to entire eligibility -

Date *Dec 30 - 1912* Signed *Elihu Thomson* Member

In order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience.

MAR 27 1913

Transfer No. 1959



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

DEC 27 1912

191

Mr. F. J. Sprague
165 Broadway
New York City

Dear Sir:

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

Louis Duncan, Ph.D.
Consulting Engineer
New York City

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 a quarter
of a century*

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

*Dr. Duncan's work
has been so varied and
generally well known
that individually
we deem unnecessary*

Date *Mar. 27, 1913* Signed

F. J. Sprague

In order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience.