

Received December 24, 1912

Acknowledged December 24, 1912

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

Record of Application for

TRANSFER TO THE GRADE OF Fellow

(Under Special Section)

No. 1959

1579
15

Name Louis Duncan, Ph.D., Consulting Engineer

Address 55 Liberty Street

New York, N. Y.

REFERENCES

Second Request	Communicated With		Grade	Replies Received
JAN 29 1913	DEC 27 1912	F. J. Sprague	Fellow	FEB 6- 1913
	DEC 27 1912	B. J. Arnold	Fellow	JAN 6- 1913
	DEC 27 1912	C. T. Hutchinson	Fellow	
JAN 29 1913	DEC 27 1912	J. J. Carty	Fellow	
	DEC 27 1912	J. B. Whitehead	Fellow	DEC 31
	DEC 27 1912	Carl Hering	Fellow	DEC 31
	DEC 27 1912	Ralph D. Mershon	Fellow	
	DEC 27 1912	Elihu Thomson	Member	DEC 31 1912

Action by Board of Examiners Recommended Date

Action by Board of Directors Transferred



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK

APPLICATION FOR TRANSFER TO THE GRADE OF FELLOW.

QUALIFICATIONS FOR TRANSFER.

The qualifications for transfer to the grade of Fellow are set forth in Article II, Section 4, of the Constitution, which is printed on the last page of this form. Applicants are urged to read these extracts carefully, in order that they may have a perfect knowledge of the constitutional requirements.

TRANSFER FEES AND DUES.

Transfer fee from the grade of Associate to that of Fellow Fifteen (15) dollars.

Transfer fee from the grade of Member to that of Fellow Five (5) dollars.

The annual dues for the grade of Fellow are Twenty (20) dollars.

Acknowledged	DEC 24 1912
References	DEC 27 1912
Recommended	
Transferred	

REFERENCES.

Sec. 10 (Constitution). Applicants shall give references as follows:

For the grade of Fellow, to five Fellows.

Should an applicant for the grade of Fellow, either for direct admission or for transfer, certify that he is not personally known by five Fellows, the Board of Examiners may accept, in place thereof, references to five professional engineers of standing.

References should be selected who have personal knowledge of the applicant's electrical engineering experience.

As references occasionally fail to reply promptly to inquiries, it is suggested that applicants furnish more than the required number of names.

REFERENCES.

Fellow * F. J. Sprague <i>165 Broadway, N.Y.C.</i>	Fellow Carl Hering <i>929 Chestnut St Philadelphia - Pa</i>
Fellow B. J. Arnold <i>105 So. La Salle St Chicago - Ill</i>	Fellow Ralph Mershon <i>65 W. 54 St New York</i>
Fellow Cary T. Hutchinson <i>60 Wall St - New York</i>	Member Elihu Thomson <i>S Framingham Mass</i>
Fellow * J. J. Carty <i>15 - 2nd St New York</i>	
Fellow J. B. Whitehead <i>John Hopkins Univ Baltimore Md</i>	

Applicant's name,
title or occupation,
and business address

*Walter Duncanson, Ph.D. Consult. Engr.
55 Liberty St., New York.*

Date *Dec. 23, 1912.*

Member *Sept. 6, 1887.*

The following information is required by the Board of Examiners. Failure to give details will delay action on the application.

1. Give full name, date and place of birth.
2. Give general and technical education, where and how acquired.
3. State under which clause or clauses, a, b, c, d, of Section 4, Article II, of the Constitution, application is made, and give full record of professional career, with particular reference to the period of responsible charge or the experience upon which the application is based.

Dates
here

APPLICANT'S RECORD

I am an electrical engineer by profession and occupation. I am a graduate of the United States Naval Academy of the year 1880. After graduation I spent some six years in the service part of the time being on special duty at the Johns-Hopkins University, Baltimore, Md., assigned by the Navy Department to assist in the work of determining the absolute unit of electrical resistance for the United States Government. I resigned from the Navy in 1886 and then took charge of a course of electrical engineering at the Johns-Hopkins University, continuing for fourteen years. During these years at the University I was continuously occupied in electrical engineering work and was engineer and had charge of the construction of a number of electric roads of Baltimore, Md. I was Consulting Engineer for practically all of the electric roads in Washington, D.C.; I was Chief Engineer and had charge of the construction of the Third Avenue System in New York; I was Engineer for the Baltimore & Ohio Company for equipping the tunnel through Baltimore with electric locomotives, and have been Consulting Engineer for a number of other railroad and lighting propositions.

During the Spanish War I served as Major in the 1st Volunteer Engineers. In 1899 I resigned my position with the Johns-Hopkins University, and continued my practice as Consulting

Dates
here

Applicant's Record (continued)

Electrical Engineer. In 1902 the Massachusetts Institute of Technology built a new electrical laboratory and separated the course of Electrical Engineering from the Department of Physics. I was called upon to inaugurate this course and remained as the head of the Electrical Engineering Department until 1904. I have been Consulting Engineer for the Cincinnati Traction Company, the Indianapolis Traction Company, and a large number of other railroad companies in the Middle West. At present I am Engineer for a number of hydro-electric and traction companies. I was Consulting Engineer for the Rapid Transit Commission of New York City. My work has involved the generation, distribution and utilization of alternating currents of one, two and three phases.

I have twice been elected President of the American Institute of Electrical Engineers. I am a member of the Mathematical Society of France, the Physical Society of France, an Honorary Member of the Franklin Institute, a member of the American Electro-Chemical Society, and a member of the American Philosophical Society. At the International Electrical Congress, held at the World's Fair in St. Louis, I was Chairman of the Electrical Railroad Section of the Congress.

NOTE: The Applicant's personal signature, in ink, must appear at the end of this record.

If not sufficient space, the record may be continued on separate sheets of this size.