

MAR 29 1911

Transfer No. 1372

Form 28-1000-1-10

American Institute of Electrical Engineers



RALPH W. POPE
SECRETARY

33 WEST THIRTY-NINTH STREET

NEW YORK

TELEPHONE 4600 BRYANT
CABLE ADDRESS, CYANDRIC

March 14, 1911

Mr. W. S. Moody,

Member

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

G. Faccioli,
Electrical Engineer, General Electric Company,
Pittsfield, Mass.,

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Secretary

For how long a period have you personally known the applicant?

About three years.

Kindly state instances within your personal knowledge of Electrical Engineering work, or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Mr. Faccioli has been associated with me between two and three years, first as a general experimental and theoretical engineer, and later as Assistant Engineer of the Transformer Department of the General Electric Company.

I consider Mr. Faccioli an unusually able engineer, both theoretically and in the more practical problems. In many research problems which I have given him, such as effects of corona and high frequencies on various kinds of insulation, the effects harmonic voltages, of various transmission problems, and similar work, he has displayed both skill and ingenuity.

Mr. Faccioli, in connection with myself, directs the work, both theoretically and practically, of a large department requiring some thirty or more engineers. I feel that there should be no question but what he would be a desirable addition to the ranks of the full membership of the Institute.

Signed

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

APR 11 1911

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33 WEST THIRTY-NINTH STREET
NEW YORK

TELEPHONE 4600 BRYANT
CABLE ADDRESS, CYANDRIC

March 31, 1911

Mr. William Stanley,

Member

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

G. Faccioli,
Electrical Engineer, General Electric Company,
Pittsfield, Mass.,

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary

For how long a period have you personally known the applicant?

Five years

Kindly state instances within your personal knowledge of Electrical Engineering work, or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

My Faccioli when assisting me in the development of the Alternator self exciter by A.C. Circuits, carried out an analysis of the subject of the very highest order. Later in studying the difficulties in high pressure lines he again displayed excellent ability.

He has been for five years employed in my office and has been constantly at work in very difficult problems and has displayed the ability & capacity necessary for full membership on my account.
Signed *William Stanley*

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

MAR 21 1911

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RALPH W. POPE
SECRETARY

33 WEST THIRTY-NINTH STREET
NEW YORK

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CABLE ADDRESS, CYANDRIC

March 14, 1911

Dr. C. P. Steinmetz,

Member

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

G. Faccioli,
Electrical Engineer, General Electric Company,
Pittsfield, Mass.,

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary

For how long a period have you personally known the applicant?

Five years

Kindly state instances within your personal knowledge of Electrical Engineering work, or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Made some very interesting and valuable investigations on induction generators and frequency converters of very high frequency ratio, so called "image alternators". Made an extremely important experimental (by oscillograph on various 110 kv transmission systems) and theoretical investigations of the oscillations and traveling waves of complex circuits, their origin, cause and prevention, which will be published as paper shortly. Some incidental investigations during this research were published as A.I.E.E. paper on "Losses in High Tension Lines". Has made an extensive study of the standing waves, traveling waves and impulses originating in or entering transformers and other reactive apparatus, which is materially modifying the methods of design and testing required with such apparatus. Is one of our most prominent engineers and authority in the field of transients in high voltage systems, and should have applied for transfer to full membership long before. Strongly endorse his application.

Signed *Charles P. Steinmetz*

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

MAR 20 1911
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American Institute of Electrical Engineers



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SECRETARY

33 WEST THIRTY-NINTH STREET
NEW YORK

TELEPHONE 4600 BRYANT
CABLE ADDRESS, CYANDRIC

March 14, 1911

Mr. Gano Dunn,

Member

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

G. Faccioli,
Electrical Engineer, General Electric Co.,
Pittsfield, Mass.,

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary

For how long a period have you personally known the applicant?

Seven or eight years.

Kindly state instances within your personal knowledge of Electrical Engineering work, or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

I personally investigated Mr. Faccioli's record with the Tecnomasio Brown-Boveri of Milan before engaging him on the engineering staff of the Crocker-Wheeler Company and found he had shown signal ability as a calculator and designer of electric machines.

On the staff of the Crocker-Wheeler Company he designed induction motors and later was given entire charge of the design of image current induction alternators under the supervision of Mr. William Stanley. His work on these machines was brilliant and characterized by originality.

He was with the Crocker-Wheeler Company for a little over a year when he entered Mr. Stanley's employ at Great Barrington to take charge of the development of certain of Mr. Stanley's inventions in induction alternators, watt-hour meters, etc. He was later employed by the General Electric Co., in the Railway Dept., at Schenectady, and again transferred to Pittsfield as Assistant Engineer of the Transformer Department.

I have been in touch with his work since he left the Crocker-Wheeler Company and have always heard it spoken of very highly. I have also read his recent paper on the Test of Losses on High Tension Lines delivered at the Schenectady-Pittsfield Mid-year Convention.

Mr. Faccioli's work while under my direction and as far as I have come in contact with it since, indicates the qualities that in my opinion fit him for full membership in the Institute and I unhesitatingly indorse him in respect to caliber and in respect to character as a man who in order to avoid unnecessary delay in considering this case, please return this form at your earliest convenience. Would support the traditions and requirements of full membership in our Society.

Gano Dunn

MAR 17 1911

Transfer No. 1372

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RALPH W. POPE
SECRETARY

33 WEST THIRTY-NINTH STREET
NEW YORK

TELEPHONE 4600 BRYANT
CABLE ADDRESS, CYANDRIC

Member

March 14, 1911

Mr. J. W. Lieb, Jr.,

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by
G. Faccioli,
Electrical Engineer, General Electric Company,
Pittsfield, Mass.,

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary

For how long a period have you personally known the applicant?

Eight to Ten years. -

Kindly state instances within your personal knowledge of Electrical Engineering work, or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Mr. Faccioli is an Electrical Engineer of splendid education who occupies an important position in designing and research work with the General Electric Company. He is one of Mr. Steinmetz principal assistants in research work & the investigation of surges & high potential disturbances. He has done important designing work on alternators and Transformers & is now asst Engineer in the Transformer Department. He is a very capable Elect. Engineer particularly strong in the mathematical theory of the science. I heartily endorse his transfer to full membership.

Signed

J. Wheeler

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RALPH W. POPE
SECRETARY

36 WEST THIRTY-NINTH STREET
NEW YORK

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CABLE ADDRESS, CYANDRIC

March 14, 1911

Mr. L. B. Stillwell,

Member

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

G. Faccioli,
Electrical Engineer, General Electric Company,
Pittsfield, Mass.,

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary

For how long a period have you personally known the applicant?

About eight years.

Kindly state instances within your personal knowledge of Electrical Engineering work, or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

*Work of testing high voltage lines of
Central Colorado Power Co. Very
important & well done.*

*Also work on transformers
at Pittsfield. (This is chiefly sound
hard knowledge.) His ability is
evidenced in his discussion of
various Institute Papers*

Signed *L. B. Stillwell*

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