

Received November 13, 1933

Acknowledged Nov. 13, 1933

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

RECORD OF APPLICATION FOR

TRANSFER TO THE GRADE OF Fellow

5862

No. 6681

Name Arthur P. M. Fleming, Director of Research & Education

Address Metropolitan Vickers Electrical Co. Ltd.,
Trafford Park, Manchester, England.

References	Grade	Communicated With	Second Request	Replies Received
R E Hellmund	Fellow	November 13, 1933		NOV 22 1933
DC Jackson	"	"		
F B Jewett	"	"		NOV 18 1933
C H Sharp	"	"		NOV 23 1933
C F Scott	"	"		NOV 16 1933
				NOV 15 1933

Action by Board of Examiners Recommended

Date Dec. 20, 1933

Action by Board of Directors

Date April 16, 1934

Posted in January ELECTRICAL ENGINEERING



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

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.

Applicant's name Arthur Percy Morris Fleming

Present title or occupation Director of Research & Education, Metropolitan-Vickers Electrical Co., Ltd.

Business address Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester, ENGLAND.

TRANSFER FEES AND DUES.

Transfer fee from the grade of Associate to that of Fellow, Ten (10) 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.

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, for the deficiency, references to five professional engineers of standing. (This clause has been interpreted to apply only to applicants whose location or conditions of work are such that it is unreasonable to expect them to make reference to members of the institute.)

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

(Member 1914)

Fellow Mr. R. E. Hellmund	Chief Engr., Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa., U.S.A.
Fellow Professor Dugald C. Jackson	Dept. of Elec. Engg., Massachusetts Institute of Technology, Cambridge A, Mass.
Fellow Dr. F. B. Jewett	President, Bell Telephone Laboratories, 195 Broadway, New York, U.S.A.
Fellow Mr. C. E. Skinner <i>Bd of Dir.</i>	Skyneare, Elmore Road, Wilkinsburg, Pa., U.S.A.
Fellow Professor J. B. Whitehead <i>Bd of Dir.</i>	Dean of the Faculty of Engg., Johns Hopkins University, Baltimore, MD., U.S.A.
Fellow Dr. Clayton H. Sharp	294 Fisher Ave., White Plains, N.Y., U.S.A.
Fellow Professor C. F. Scott	Dunham Lab. of Elec. Engg., Yale University, New Haven, Connecticut, U.S.A.

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

The applicant should state under which clause or clauses, a, b, c, d, of Section 4, Article II, of the Constitution, application is made, and give a full record of professional career, with particular reference to the period of responsible charge or the experience upon which the application is based.

APPLICANT'S RECORD

(Typewritten copy preferred)

1. Name Arthur Percy Morris Fleming.
(give in full)
2. Present occupation Director of Research & Education Metropolitan-Vickers Elec.Co.
(title, and name of concern)
3. Business address Metropolitan-Vickers Elec.Co.,Ltd., Trafford Park, Manchester, ENGLAND.
4. Date and place of birth January 16th, 1881, Newport, Isle-of-Wight.
5. Constitutional clause 4 a.
(see paragraph above)
6. General and technical education Portland House Academy, Isle-of-Wight.
Finsbury Technical College, London.
M.Sc.(Tech.) Honoris Causa.
7. Record of professional experience

Dates here
1900-1902. Westinghouse Elec. & Mfg. Co., Pittsburgh, U.S.A.
1902-present. Metropolitan-Vickers Electrical Co., (formerly the British
Westinghouse Company), Trafford Park, Manchester, ENGLAND.
1902-1906. Insulation Specialist.
1906-1914. Superintendent & Chief Engineer, Transformer Dept.
1914-present. Director of Research & Education.

Directorates: Metropolitan-Vickers Electrical Co., Ltd.
Micanite & Insulators Company, Ltd.
Indeum, Limited.
B.S. & W. Whiteley, Ltd.

Professional Institutions:
Member of Institution of Electrical Engineers and
Member of Council since 1932. Chairman of North-
Western Section, 1918.
Fellow of Institute of Physics.

War Service:
Organised Lancashire Anti-Submarine Committee to
conduct research on Submarine Detecting Devices. Organised the
selection and training of the School of Listeners for employment
on patrol craft for submarine detection. Awarded Commander Order
of the British Empire.

Dates here

Applicant's Record (continued)

Commissions, Committees, etc.
Member of Council of Institution of Electrical Engineers.
Member of Council of British Electrical and Allied Industries
Research Association.
Chairman of British Electrical and Allied Manufacturers'
Association Education Committee.
Member of Federation of British Industries Education Committee.
Member of Government Committees:-
(1) Engineering Education.
(2) Training of Overseas Students.
(3) Lytton Commission on Indian Students.

Member of Central Committee for Educational Research - Royal
Society of Teachers.
Member of Consultative Committee, Department of Scientific &
Industrial Research.
Member of Manchester College of Technology Advisory Council.
Papers:
Numerous - before Institution of Electrical Engineers, the World
Power Conference, the British Association for the Advancement of
Science, Association of Technical Institutes, Manchester Association
of Engineers, Institute of Engineers & Shipbuilders in Scotland,
International Mathematical Congress, Canada, Institute of Physics,
etc., etc.

Books: "Engineering as a Profession".
"Principles of Apprentice Training".
"Insulation & Design of Electrical Windings".
"History of Engineering".
"Principles of Industrial Administration".

Lectures:
1912 to 1932. Annual Courses of Lectures at the City & Guilds
Engineering College, University of London, on Transformer
Design, Industrial Administration, Engineering Economics.
Joule Memorial Lecture.
Annual Lecture, Meter & Instrument Section, Institution of
Electrical Engineers.
Zirkel Englisch Sprechender Ingenieure, Berlin.
Woolwich Arsenal Officers in Training, etc., etc.

Articles:
Numerous in technical and educational journals.

Signed APM. Fleming

Dated Oct 31. 33.

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.