



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. Particular attention is called to the Constitutional provisions now in force with regard to origination by proposal and previous affiliation as Member.

- 1. Name DONALD AUBRY QUARLES
(Print in full)
- 2. Date and place of birth July 30, 1894 - Van Buren, Arkansas
Director of Transmission Development,
- 3. Present occupation Bell Telephone Laboratories, Inc.
(Title, and name of concern)
- 4. Business address 463 West Street, New York, N. Y.
- 5. Address for Institute mail 463 West Street, New York, N. Y.
- 6. Constitutional clause "a"
[State under which one or more of the clauses a, b, c, d, and e, of Section 4, Article II of the Constitution (reprinted on last page) the application is made.]
- 7. General and technical education Yale University, 1912-1916, graduated 1916, B.A.
(Names of educational institutions, dates of graduation therefrom and degrees, if any, should be included)
Columbia University (part time) Graduate School, 1920-1921.
- 8. Society affiliations American Physical Society - member
(Give grade in other national engineering or scientific societies, if any)

TRANSFER FEE AND DUES

Transfer fee from the grade of Member, Five (5) dollars. The annual dues for the grade of Fellow are Twenty (20) dollars.

REFERENCES

Applicants shall give references to members of the Institute as follows: For the grade of Fellow, to five Fellows:

Should an applicant for Fellow grade certify that he is not personally known to five Fellows the Board of Examiners may accept, for the deficiency, other references, preferably professional engineers of standing. (This provision 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)

<u>7</u>	<u>O. B. BLACKWELL</u>	<u>463 West St., N.Y.C.</u>
<u>7</u>	<u>A. B. CLARK</u>	<u>" " "</u>
<u>7</u>	<u>R. L. JONES</u>	<u>" " "</u>
<u>7</u>	<u>B. W. KENDALL</u>	<u>" " "</u>
<u>7</u>	<u>H. H. LOWRY</u>	<u>" " "</u>

Member 1929

PROFESSIONAL EXPERIENCE

(Typewritten copy preferred)

DATES		TITLE OF POSITION, NAME OF EMPLOYER, CHARACTER OF WORK <small>(Indicate clearly degree of responsibility for the particular work upon which application is based. Failure to give sufficient information will delay action.)</small>	NAME AND ADDRESS of someone familiar with work performed and responsibility involved.
From	To		
		Since discharge from the U. S. Army as a Captain of Field Artillery in 1919, applicant has been continuously in one organization, located at 463 West Street, New York City, known as the Engineering Department of the Western Electric Company until January 1, 1925 and its successor company, Bell Telephone Laboratories, since that date. The following gives the character of the work performed and the positions held.	
10/24/19	1/21/24	In transmission engineering and research, first as an engineer and later as supervisor of a small group of engineers.	R. L. Jones 463 West St. N. Y. C.
1/21/24	10/29/28	In the Inspection Engineering Department and in charge of apparatus inspection engineering with title of Apparatus Inspection Engineer from 10/25/24 to 10/29/28.	R. L. Jones 463 West St. N. Y. C.
10/29/28	2/1/40	In the Outside Plant Development Department from 10/29/28 to 2/1/40, as Plant System Engineer from 10/29/28 to 4/1/29 and in charge of the Department from 4/1/29 to 2/1/40 with title of Assistant Director of Apparatus Development to 6/1/35 and Outside Plant Development Director to 2/1/40. The Outside Plant Development Department of Bell Telephone Laboratories consisted of 89 engineers with technical and clerical	R. L. Jones 463 West St. N. Y. C.

DATES		RECORD OF PROFESSIONAL EXPERIENCE Continued	NAME AND ADDRESS of someone familiar with work performed and responsibility involved.
From	To		
(Cont.)		assistance, engaged in the study of telephone materials and designs used in the outside plant and the development of new and improved materials and designs. The work in this department included the study of electrical characteristics, particularly in respect to such items as lead covered cable, open wire insulators, coaxial cable structures, and the like.	
2/1/40	to date	From 2/1/40 to date, as Director of Transmission Development in charge of that department of Bell Telephone Laboratories responsible for the development of carrier telephone systems, of broad band systems such as for coaxial transmission, and of improved voice frequency transmission systems.	A. B. Clark 463 West St. N. Y. C.

Dated January 9 1941

Signed Donald A. Charles

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

American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



PROPOSAL FOR FELLOW

H. H. Henline, *National Secretary*

Dear Sir:

The undersigned hereby propose for advancement to Fellow grade

DONALD A. QUARLES

(Name)

463 West Street

(Address)

New York, N. Y.

He is applying under clause(s) ^(a) (b) and the regular transfer form containing ^(d) a detailed statement of professional record and list of five Fellow references is attached.

Yours truly,

*Signatures
of
five
Fellows
or
Members*

1. Oliver A. Blackwell 7
2. A. B. Clark 7
3. A. Jones 7
4. B. W. Kendall 7
5. W. Henry 7

Date _____

Received Jan. 28, 1941

Acknowledged Jan. 28, 1941

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

RECORD OF APPLICATION FOR

TRANSFER TO THE GRADE OF FELLOW

No. 8293

19570

Name D. A. Quarles, Director of Transmission Development

Address Bell Tel. Labs.

463 West St., N.Y.C.

References	Grade	Communicated With	Second Request	Replies Received
O B Blackwell	Fellow	Jan. 28, 1941		FEB 6 1941
A B Clark	"	"		
R L Jones	"	"		FEB 5 1941
B W Kendall	"	"		FEB 6 1941
H H Lowry	"	"		FEB 8 1941
				FEB 1 1941

Action by Board of Examiners Recommended

Date Feb 20, 1941

Action by Board of Directors

Date April 11, 1941

Posted in March ELECTRICAL ENGINEERING