

DONALD A. QUARLES.

File in folder

19510



Mr. Quarles is a graduate of Yale University (B.A.). Since his honorable discharge from the U.S. Army as a Captain of Field Artillery in 1919, he has been associated continuously with the Bell Telephone Laboratories, which prior to January 1, 1925, was known as the Engineering Department of the Western Electric Company. Mr. Quarles is a member of the Institute of Radio Engineers, the American Physical Society and a Fellow of the American Institute of Electrical Engineers.

The following is a brief summary of Mr. Quarles' professional record:

<u>Period.</u>	<u>Assignment.</u>
1919 to 1924	First as engineer, and later as supervisor, in transmission engineering and research.
1924 to 1928	Apparatus Inspection Engineer in charge of apparatus inspection work.
1928 to 1940	In Outside Plant Development Department as Plant System Engineer from October 1929 to April 1929. In charge of the Department from April 1929 to February 1940 as Outside Plant Development Director. This department consists of a large number of engineers engaged in the study and development of new and improved telephone materials and designs used in the outside plant, including study of electrical characteristics of such items as lead covered cable, open wire insulators, coaxial cable structures etc.
1940 to date	Director of Transmission Development in charge of that department which in normal times is responsible for the development of carrier telephone systems, of broad band systems such as for coaxial transmission, and of improved voices frequency transmission systems. At the present time the department is engaged in special developments for the Army and Navy.

Mr. Quarles has been active in A.I.E.E. work for many years as indicated by the following summary:

<u>Period.</u>	<u>Activity.</u>
1932-1933	Secretary Communication Group, New York Section.
1933-1934	Vice Chairman Communication Group, New York Section.
1934-1935	Chairman Communication Group, New York Section.

<u>Period.</u>	<u>Activity.</u>
1935-1936	Junior Past Chairman Communication Group.
1936-1937	Senior Past Chairman Communication Group.
1939-1940	Secretary New York Section.
1941-1942	Chairman New York Section.
1941-1942	Member of National Nominating Committee.
1942	Chairman Winter Convention Committee.

December 15, 1943.