

## ENGINEERING SOCIETIES

## Armour Radio Association

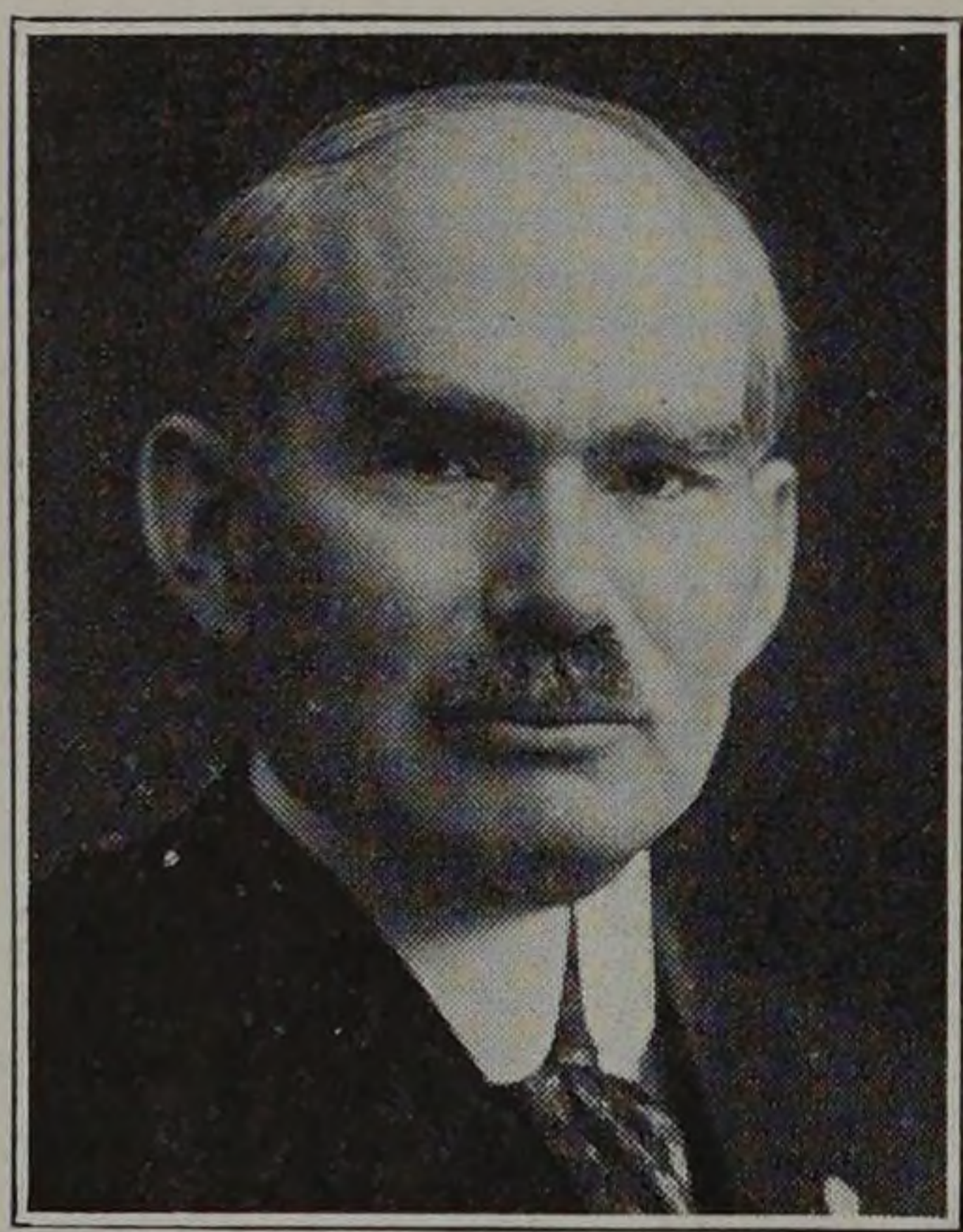
Official Relay Station for the American Radio Relay League

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L. F. PFEILER .....	<i>Secretary</i>
PROFESSOR GUY M. WILCOX .....	<i>Faculty Advisor</i>

Although the Armour Radio Association has had a rather limited number of speakers, the members of the association feel that the past year has been a successful one and worthy of passing into its history. We are thankful to Professor Wilcox, Mr. Pfeiler, and Mr. Dudley for their interesting and educational lectures. The discussion resulting from their talks was very instructive and beneficial.

The activity and achievement of our Chief Operator, Mr. Pfeiler, have made it a banner year for the Institute's amateur station, 9 NV. Although the actual number of operating hours has been slightly less, the communications established have been more reliable than before. Reports of the station's signals describe them as being very steady and of good tone. This is a worthy accomplishment for short-wave transmission.



DR. LEE DEFORST

*Dr. Lee De Forest, "The Father of Radio Broadcasting," is an American inventor of note. He has taken out over 160 United States and foreign patents of which the bulk in recent years have applied to the vacuum tube. It is interesting to recall that Dr. De Forest discovered the principles underlying the oscillating audion or three-electrode vacuum tube while he was studying at Armour Institute. Later, he invented the four-electrode vacuum tube and the audion amplifier which has made long distance telephony possible.*

*Since 1921, the Doctor has devoted his entire time to the development of the Phonofilm talking motion pictures, which are sound waves photographed on the moving picture film with the picture. He is now President of the De Forest Phonofilm Corporation.*