

**L. A. FERGUSON** (A'01, F'12, and past-president) vice president in charge of operating, construction, and electrical departments, Commonwealth Edison Company, Chicago, Ill., retired December 31, 1935. Mr. Ferguson graduated from the electrical engineering course at Massachusetts Institute of Technology in 1888, and entered the employ of the Chicago Edison Company in that year. He was made general superintendent of this company and the Commonwealth Electric Company in 1897, and in 1902 was elected second vice president of these 2 companies, which later were combined. Since 1914 he has held the position of the vice president, and has served also as a director of several other companies. Mr. Ferguson was president of the Association of Edison Illuminating Companies from 1901 to 1903, and was president of the former National Electric Light Association for the year 1902-03. He served the Institute as manager from 1904 to 1907, as vice president 1907-08, and as president 1908-09. During the period 1917-22 he was a member of the Institute's Edison medal committee, and since 1924 has been a representative on the commission of Washington Award. He is a member of the Western Society of Engineers and the Illuminating Engineering Society.

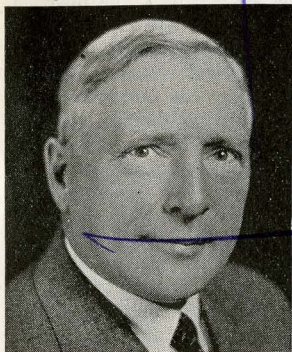
**A. G. SCHWAGER** (A'24, M'31) formerly chief electrical engineer of the Pacific Electric Manufacturing Corporation, San Francisco, Calif., has been appointed chief engineer of that organization. A native of Switzerland (1899) Mr. Schwager completed his general and technical education and be-

come an electrical engineer in charge of the test laboratory, as executive engineer in charge of the engineering department, as oil circuit breaker design engineer in charge of oil circuit breaker design, and as chief electrical engineer. Mr. Schwager has contributed generously to contemporary technical literature, both through the trade press and through numerous papers presented before the A.I.E.E.

**W. E. HOLLAND** (A'04, M'12) vice president in charge of engineering, Philadelphia Storage Battery Company, Philadelphia, Pa., has resigned as an officer and director of the company and is retiring from active business. He entered the business as a tester with the Edison Storage Battery Company in 1902, and shortly after was made chief of the battery experimental department. Mr. Holland was engaged in research work with the inventor, and was appointed chief electrical engineer of the Edison company at Orange, N. J., in 1911. Since 1918 he has been with the Philadelphia Storage Battery Company, and since 1925 has directed the radio developments of the company. He was chairman of the first radio safety standards committee appointed by the Associated Manufacturers of Electrical Supplies, and was instrumental in securing the adoption of effective and practical safety standards for radio receivers. He has also been director of the engineering division of the Radio Manufacturers' Association, and from 1925 to 1933 was a member of the Institute's committee on electrochemistry and electrometallurgy. Mr. Holland is the author of several technical papers on storage batteries.

come an engineer in charge of transmitters. His responsibility was enlarged in 1924 to include the design of all radio products, and 2 years later he was given charge of all radio development, design, and production. In 1929 he became connected with the then newly formed RCA-Victor Corporation as head of radio engineering activities, and later became general manager of the plant. During 1933-34 Doctor Baker was a member of the Institute's special committee on biographies and talking motion pictures, and he is now chairman of the engineering committee of the Radio Manufacturers' Association.

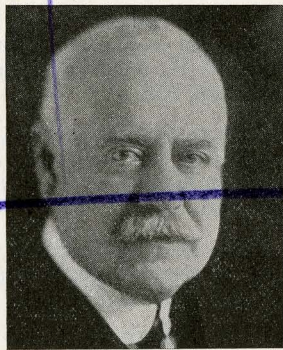
**W. L. ABBOTT** (A'01, F'13, and member for life) chief operating engineer, Commonwealth Edison Company, Chicago, Ill., retired on December 31, 1935. Mr. Abbott, who was born near Morrison, Ill., was graduated from the University of Illinois in 1884, and after employment with several companies became president and manager of the National Electric Construction Company in 1889. This company was purchased by the Chicago Edison Company in 1895, and Mr. Abbott was made chief engineer of one of the power houses. Four years later he became chief operating engineer for this company, a position which he has since held with this company and its successor, the Commonwealth Edison Company. He is the author of numerous papers presented before engineering societies and is a member and past-president of The American Society of Mechanical Engineers, and a member and past-president of the Western Society of Engineers. From 1905 to 1923 he was a member of the board of trustees of the University of Illinois, serving as president of the board for 14 years. In 1929 the university granted him the honorary degree of doctor of laws.



H. B. GEAR



C. F. KETTERING



L. A. FERGUSON

**A. R. WELLWOOD** (M'22) who has been assistant director of the electric rate survey of the Federal Power Commission, Washington D. C., has been appointed director. Major Wellwood has been engaged in various branches of electric utility work since 1911, when he became assistant chief engineer of the Central Hudson Gas and Electric Company at Poughkeepsie, N. Y. In 1920 he resigned as district operating manager of the company to accept the position of assistant engineer secretary of the superpower survey of the U.S. Geological Survey, and the following year became