Contributors to this Issue

- E. W. Bemis, Worcester Polytechnic Institute, 1919, B.S. in Electrical Engineering; Graduate Assistant in Electrical Engineering at Worcester Polytechnic Institute, 1919–1920. American Telephone and Telegraph Company, Department of Operation and Engineering, 1920–. Mr. Bemis has been engaged in work on carrier telephone systems, program transmission and public address systems, inductive coordination of power and telephone lines and since 1932 on telegraph engineering with particular reference to its transmission features.
- R. M. Burns, A.B., University of Colorado, 1915; A.M., 1916; Ph.D., Princeton University, 1921; Instructor, University of Colorado, 1916–17. Western Electric Company, 1922–25. Bell Telephone Laboratories, 1925–; Assistant Chemical Director, 1931–. Dr. Burns' work has been largely in the electrochemical field and particularly on the subject of the corrosion of metals and its prevention.
- James A. Carr, B.S. in Electrical Engineering, Virginia Polytechnic Institute, 1919; Graduate Student in Electrical Engineering at Massachusetts Institute of Technology, 1920. American Telephone and Telegraph Company, Development and Research Department, 1921–27; Bell Telephone Laboratories, 1927–. Mr. Carr's work has been mostly in aerial line design and maintenance studies.
- B. L. CLARKE, B.S., George Washington University, 1921; M.A., Columbia University, 1923; Ph.D., Columbia University, 1924. Bell Telephone Laboratories, 1927—. Dr. Clarke has been in charge of the work in analytical chemistry since 1930.
- H. W. Hermance, Western Electric Company (Kearny), 1925–27, chemist; Bell Telephone Laboratories, 1927–. Mr. Hermance originally did general chemical analytical work. Since 1930 he has been in charge of the work in microanalysis.
- A. D. Knowlton, B.S., Haverford College, 1920. Western Electric Company, Engineering Department, 1920–24. Bell Telephone Laboratories, 1924–. Mr. Knowlton is engaged in the development of telegraph equipment.

Frederick B. Llewellyn, M.E., Stevens Institute of Technology, 1922; Ph.D., Columbia University, 1928. Western Electric Company,

- 1923–25; Bell Telephone Laboratories, 1925–. Dr. Llewellyn has been engaged in the investigation of special problems connected with radio and vacuum tubes.
- G. A. LOCKE, B.S., Cooper Union, 1920; E.E., Cooper Union, 1923. New York Telephone Company, 1908–15. Western Electric Company, Engineering Department, 1915–17. United States Signal Corps, 1917–19. Western Electric Company, Engineering Department, 1919–24. Bell Telephone Laboratories, 1924–. Mr. Locke is engaged in the development of telegraph switching circuits.
- R. E. PIERCE, Cornell University, 1913, A.B. and M.E. American Telephone and Telegraph Company, Engineering Department 1913–1919; Department of Operation and Engineering, 1919–. Mr. Pierce has been engaged in work on telegraph matters and during the period with the Department of Operation and Engineering has been in charge of telegraph engineering.
- F. W. REYNOLDS, B.S. in Electrical Engineering, Union College, 1919; Ph.D., Cornell University, 1924; Signal Corps, U. S. A., 1918. American Telephone and Telegraph Company, Department of Development and Research, 1924–1934; Bell Telephone Laboratories, 1934–. Dr. Reynolds has been engaged in the development of telephotography.
- F. J. SINGER, B.S. in Electrical Engineering, University of Washington, 1920; M.S. in Electrical Engineering, University of Wisconsin, 1922. American Telephone and Telegraph Company, Department of Development and Research, 1922–34. Bell Telephone Laboratories, 1934—. As Telegraph Switching Engineer, Mr. Singer is engaged in the development of telegraph switching and testing facilities.