Contributors to This Issue

DIETRICH A. ALSBERG, Technical College of Stuttgart, 1938; Case School of Applied Science, postgraduate in electrical engineering, 1939–40. From 1940–43 Mr. Alsberg was engaged as development engineer by several organizations. From 1943–45 he served in the U. S. Army Ordnance Department at Aberdeen Proving Ground and in the European Theater. In 1945 he joined the Bell Telephone Laboratories where he is concerned with phase and transmission measurement problems.

JOHN BARDEEN, University of Wisconsin, B.S. in E.E., 1929, M.S., 1930; Gulf Research and Development Corporation, 1930–33; Princeton University, 1933–35, Ph.D. in Math. Phys., 1936; Junior Fellow, Society of Fellows, Harvard University, 1935–38; Assistant Professor of Physics, University of Minnesota, 1938–41; Prin. Phys., Naval Ordnance Laboratory, 1941–45. Bell Telephone Laboratories, 1945–. Dr. Bardeen is engaged in theoretical problems related to semiconductors.

W. R. BENNETT, B.S., Oregon State College, 1925; A.M., Columbia University, 1928. Bell Telephone Laboratories, 1925–. Mr. Bennett has been active in the design and testing of multichannel communication systems, particularly with regard to modulation processes and the effects of nonlinear distortion. He is now engaged in research on various transmission problems.

WALTER H. BRATTAIN, B.S., Whitman College, 1924; M.A., University of Oregon, 1926; Ph.D., University of Minnesota, 1929; Major Phys., Bureau of Standards, 1928–29. Bell Telephone Laboratories, 1929–42. Columbia University, N.D.R.C., 1942–44. Bell Telephone Laboratories, 1944–. Dr. Brattain is engaged in the study of semiconductors.

C. H. DAGNALL, S.B., Massachusetts Institute of Technology, 1918; S.B., Harvard University, 1918; M.S., Cornell University, 1922. Signal Corps, U.S.A., 1918; General Electric Company, 1919; Instructor in Electrical Engineering, Cornell University, 1919–25. Bell Telephone Laboratories, 1925–. Mr. Dagnall has been chiefly concerned with the design of transmission networks.

F. S. FARKAS, E. E., 1929, Polytechnic Institute of Brooklyn. Engineer-

ing Department, Western Electric Company, 1920–25; Bell Telephone Laboratories, 1925–. Mr. Farkas was engaged in the development of transmission networks and is now concerned with the development of radio and network switching.

F. J. HALLENBECK, E.E., 1936, Polytechnic Institute of Brooklyn. Engineering Department, Western Electric Company, 1923–25; Bell Telephone Laboratories, 1925–. Mr. Hallenbeck has been concerned chiefly with the development of transmission networks for carrier systems.

R. A. LECONTE, E.E., Electrotechnical Institute, Grenoble University, France, 1908; French Army Corps of Engineers, 1915–20. Mr. Leconte came originally to the United States in 1917 with a French military mission and came back in 1919 to the French purchasing organization in this country. He joined the Engineering Department, Western Electric Company, in 1922; Bell Telephone Laboratories, 1925–. He has been concerned with voice frequency repeater and carrier terminal developments.

DANIEL LEED, B.S., College of the City of New York, 1941; Kollsman Instrument Company, 1941–43. Federal Telephone and Radio Corporation, 1943–44. Corps of Engineers, Los Alamos Laboratories of the Manhattan District, 1944–46. Bell Telephone Laboratories, 1946–. Mr. Leed is engaged in circuit development for phase and transmission measurement systems, particularly in the field of automatic frequency control.

D. B. PENICK, University of Texas, B.S. in Electrical Engineering, 1923, B.A., 1924; Columbia University, M.A., 1927. Engineering Department, Western Electric Company, 1924–25. Bell Telephone Laboratories, 1925–. Mr. Penick has been engaged in the development of carrier telephone systems.

LISS C. PETERSON, Chalmers Technical University, Gothenburg, 1921; Technical Universities of Charlottenburg and Dresden, 1921–23. American Telephone and Telegraph Company, 1925–30; Bell Telephone Laboratories, 1930–. Mr. Peterson has recently been concerned with the theory of hearing.

P. W. ROUNDS, A.B., Harvard University, 1929. Bell Telephone Laboratories, 1929–. Mr. Rounds has been engaged in the design of transmission networks.

C. W. SCHRAMM, B.S. in Electrical Engineering, Armour Institute

(now Illinois Institute) of Technology, 1927. Illinois Bell Telephone Company, 1927–29. Bell Telephone Laboratories, 1929–. Mr. Schramm has been concerned with the development of carrier telephone systems for both message and program use. During the war his attention was directed to the design of radar test equipment.

T. SLONCZEWSKI, B.S. in Electrical Engineering, Cooper Union Institute of Technology, 1926. Bell Telephone Laboratories, 1926–. Mr. Slonczewski has been engaged in the development of electrical measuring apparatus.

F. E. STEHLIK, B.E.E., 1933, M.E.E., 1935, Polytechnic Institute of Brooklyn. Bell Telephone Laboratories, 1936–. Mr. Stehlik was engaged in the design of crystal filters and is now concerned with the development of high-frequency networks.

E. D. SUNDE, B.S., Haugesund, Norway, 1922; E.E., Darmstadt, Germany, 1926. American Telephone and Telegraph Company, 1927–33; Bell Telephone Laboratories, 1933–. Mr. Sunde has been engaged in studies of interference in telephone circuits from power lines and railway electrification and is now concerned with studies of protection of the telephone plant against lightning damage.

H. M. TRUEBLOOD, B.S., Earlham College, 1902; B.S., Haverford College, 1903; Mass. Inst. Technology, 1908–09; Ph.D. (physics), Harvard University, 1913; Field Officer, U. S. Coast and Geodetic Survey, 1903–08; Instructor and Assistant Professor in Electrical Engineering, University of Pennsylvania, 1914–17; U. S. Naval Experimental Station, New London, Connecticut, 1917–19. American Telephone and Telegraph Company, Department of Development and Research, 1919–34; Bell Telephone Laboratories, 1934–. At present, Assistant Director of Transmission Engineering. Most of Dr. Trueblood's work has been on interference with communication systems from natural and other sources, with work on radar and radar testing equipment during World War II.

ANTHONY J. WIER, L.L.B., New Jersey Law School, 1935. New York Telephone Company, Plant Maintenance; and Western Electric Company, Installation and Equipment Engineering; 1914–28. Bell Telephone Laboratories, 1928–. Mr. Wier has been engaged in development work on toll telephone and telegraph equipment since 1928.