

## CONTRIBUTORS TO THIS ISSUE

**Brewster, P. D.:** Born January, 1886, New York, N. Y. Graduate in Engineering, Cornell University, 1906. Has been engaged in work on color photography from that time to date; President of the Brewster Color Film Corporation.

**Carrigan, John Beardslee:** Born February 13, 1897, Port Angeles, Washington. A.B., University of Washington, 1917. Ensign, U. S. Navy, 1918-1919. National Recreation Association, 1919-1926, doing publicity, advertising, and finance work, including motion picture production. Editor, *Movie Makers*, 1926 to date.

**Crabtree, John I.:** Born March 27, 1891, at Clayton-le-Moors, Lancashire, England; educated at Victoria University, Manchester, England, graduating with the degree of M.Sc. Entered Research Laboratories of Eastman Kodak Company in 1913 and since 1917 has been in charge of the departments of Photographic Chemistry and Motion Picture Film Developing. 1929—Assistant Superintendent, Kodak Park Works.

Member of the American Chemical Society, Optical Society of America, and fellow of the Royal Photographic Society and the Institute of Chemistry of Great Britain and Ireland. Extensive publications on photography and motion picture work. In 1926 awarded the Progress Medal of the French Photographic Society.

Elected President of the Society of Motion Picture Engineers, Oct., 1929.

**Downes, A. C.:** Born February 26, 1882, Ipswich, Mass. Degree of B.S. from Massachusetts Institute of Technology in 1904. 1904-1905 with Hartford Laboratory Company. 1905 to date with National Carbon Company. Member of the American Chemical Society, Illuminating Engineering Society.

**Dreher, Carl:** Graduated from the College of the City of New York, 1917. From 1917 to 1922 has been associated with the Marconi Wireless Telegraph Company of America, the General Electric Company, the Radio Corporation of America, the National Broadcasting Company, RCA Photophone, Inc., and RKO Studios, Inc. From 1923 to 1927, engineer-in-charge of Stations WJZ and WJY of the Radio Corporation of America. From 1927 to 1928 was staff engineer of the National Broadcasting Company; director of the Radio Club of America. From 1928 to 1929, chief engineer of RCA Photophone, Inc. Now with RKO Studios, Inc., Los Angeles, Calif. Member of the Institute of Radio Engineers.

**Holslag, Russell Clark:** Born October, 1899, Schenectady, N. Y. Engineer Corps, U. S. Army, 1917-18. Columbia University, 1921-23. American Transformer Co., 1924. Electric Arc Cutting & Welding Co., 1925-27. Electric Traction, New York Central Railroad, 1927-29. Technical Consultant, Amateur Cinema League, since 1929. Technical Editor, *Movie Makers*, 1929 to date. Instructor, motion picture photography and technic for the non-professional, Brooklyn Institute of Arts and Sciences, 1930.

**Jones, W. C.:** Born May 15, 1891, Colorado Springs, Colorado. Graduated

from Colorado College with degree of B.S. in E.E., 1913. 1914 Western Electric Company. 1917 associated with a group investigating devices for submarine detection for a special board of the Navy. 1918 technical staff of Engineering Department of Western Electric Co. 1925 Bell Telephone Laboratories. Now in charge of development of instruments for telephone use. Member of the American Institute of Electrical Engineers. Fellow of the Acoustical Society of America.

**Joy, D. B.:** Born September 4, 1901, Marshfield, Mass. Degree of B.S. from Massachusetts Institute of Technology in 1923. Associated with the National Carbon Company. Member American Chemical Society.

**Lewin, George:** Born July 27, 1903. Graduated in Electrical Engineering, Cooper Union Institute of Technology. Recording Engineer, Paramount Publix Corp., May, 1928, to date.

**Little, William F.:** Born October 4, 1880, Philadelphia, Pa. Received B.S. degree in 1903 and M.S. degree in 1906 from Rutgers College. Associated with Electrical Testing Laboratories in charge of photometric measurements, 1906 to date. Member of Illuminating Engineering Society, International Commission on Illumination, American Society for Testing Materials, and Optical Society of America.

**Marsh, William:** Born November 3, 1884, in Kilkenny, Ireland. Attended National Academy, London, England. Served in British Army in Boer War and in India from 1904 to 1911. Served in U. S. Army from 1912 to 1914. Bausch & Lomb Optical Company from 1914 to 1926. Eastman Kodak Company, 1926 to date.

**Miller, Palmer:** Born May 6, 1903, Dewitt, Iowa. B.S. in Chemistry, California Institute of Technology, Pasadena, California, 1924. Technicolor, 1925-28; General Electric Company, 1928-29; Brewster Color Film Corporation, 1929-30.