

pared by the Samuel L. Warner Award Committee, was read by the Chairman, John Aalberg.

A special committee for the Samuel L. Warner Award is responsible for reviewing the inventions or methods most likely to have a beneficial effect on the recording and reproduction of sound and picture and selecting the engineer who has made the outstanding contribution.

Dr. Frayne has been working continuously in sound motion-picture engineering since 1928. His contributions span the technology of sound motion pictures from light valves and noise reduction to 70mm magnetic film recording and reproducing systems. The committee was unanimous in its opinion that Dr. Frayne's contribution in

engineering a 70mm stereo six-track magnetic film system and test films therefore met the rigid requirements for this award.

In addition to these contributions, Dr. Frayne has influenced sound recording by sponsoring various educational programs, as co-author of a text book on sound and as a friend to those of us who work in his field.

### Progress Medal

The Progress Award for 1959 was presented to Harold E. Edgerton. At the time of the Convention Dr. Edgerton was in Puerto Rico on a deep sea expedition. The Progress Medal was accepted on his behalf by Charles Wyckoff. The following citation, prepared by the Progress Medal

Award Committee was read by the Chairman, Dr. Deane R. White.

Harold Eugene Edgerton received his undergraduate training at the University of Nebraska in 1925 and Master and Doctor of Science Degrees at the Massachusetts Institute of Technology where he has been a Professor of Electrical Engineering since 1926.

Professor Edgerton has pioneered with spectacular success in the fields of high-speed photography and stroboscopy. His researches in these fields have been reported in our Society's publications frequently since 1931. He has contributed to the development of short-duration high-intensity light sources, to the design of equipment to be used with them and finally to many important, as well as popular, applications thereof. We have all seen examples such as stop-motion photography of high-speed machinery or even a golf swing, beautiful photographs in the National Geographic Magazine taken several miles below the surface of the seas and awesome pictures taken during various phases of atomic explosions. A visit to Professor Edgerton's laboratory is a delightful experience in informality and a stimulating introduction to his many and varied interests.

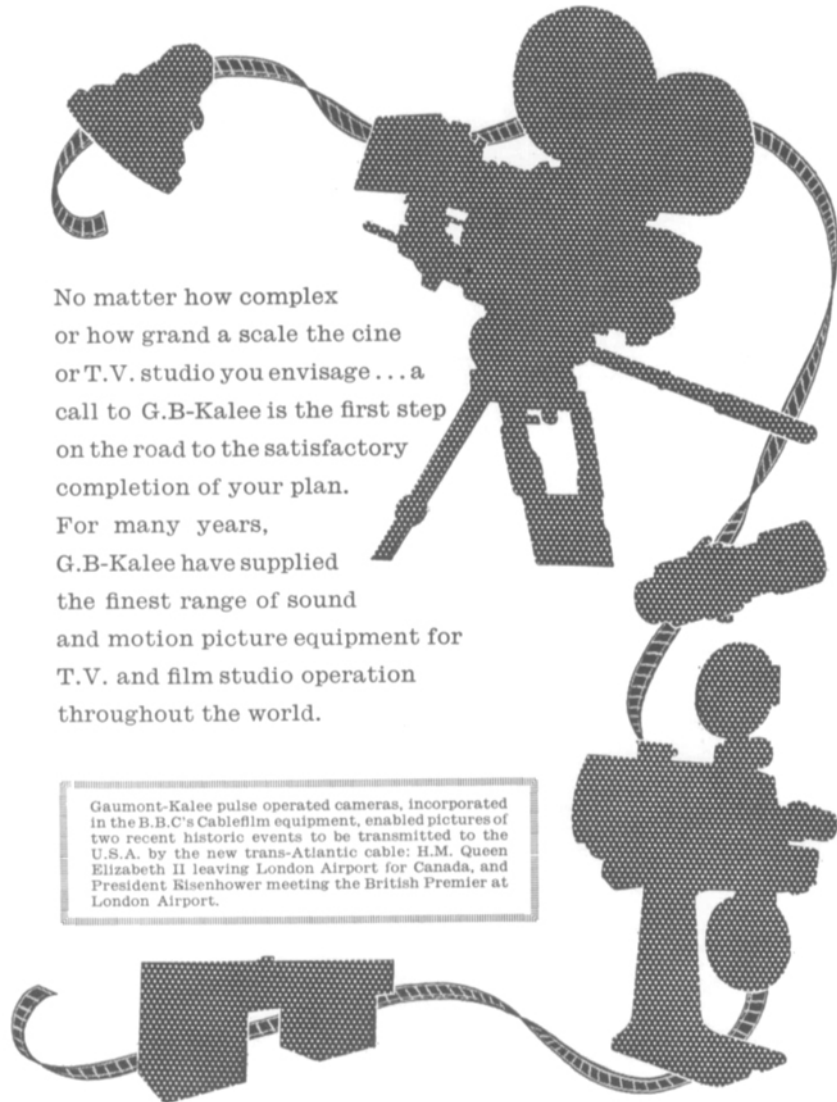
Professor Edgerton has performed in many capacities in the service of our Government, as well as in the interests of various technical societies. He has been very active in the high-speed photographic activities of our Society and has served as its representative at both the 3rd and 4th International Congresses on High-Speed Photography. Also he finds time to serve as Chairman of the Board of the successful firm of Edgerton, Germeshausen and Grier, Inc., which he helped to found. His talents have been widely recognized by the following awards: the Progress Medal of the Royal Photographic Society of London, the Modern Pioneer Award of the National Association of Manufacturers, the Potts Medal of the Franklin Institute, the National Geographic Society's Burr Prize, the Sprague Memorial Award from the National Press Photographer's Association and designation as the New England Engineer for 1958 by the Engineering Society of New England.

He is a Fellow of our Society, of the American Institute of Electrical Engineers and the Photographic Society of America.

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