

## Obituaries



### George Lewin

George Lewin died November 17, 1963, at the age of 60. A member of the Society since 1930, he was made a Fellow in 1954 and served as Governor of the Society during the 1955-56 term. He began his career as Sound Recording Engineer in Astoria in 1928 with Paramount Pictures. By 1945, in addition to Paramount, he had been with Warner Bros., Audio Production, Inc., and Hearst Metrotone News. In 1944, he was appointed an Expert Consultant and was given a full-time appointment as an Electrical Engineer in the Sound Engineering Branch for the Army's Signal Corps Photographic Center, then housed in the old Paramount Studios in Astoria. At this training film center (which

was later renamed the Army Pictorial Center), he served as Chief Recording Engineer; Chief of Sound Branch; Chief of the Pictorial Engineering Office, and at the time of his death, he was with the Audio-Visual Advisory Office as a sound quality-control and improvements engineer.

During his career he received many honors for his contributions in the sound recording field. Perhaps his most widely recognized achievement was his discovery and research on the phenomenon of transparency of magnetic coatings to infrared light sources and its application to dual sound reproduction from either the magnetic track or the underlying optical track. He presented his findings to the 81st Conference of the Society in the Spring of 1957. That presentation was unusual in that it elicited a standing ovation from the large audience. His paper on "the Infrared Transparency of Magnetic Tracks" appeared in the September, 1957, issue of the *Journal*, and "Further Data on Infrared Transparency of Magnetic Tracks" appeared in the December, 1957, issue of the *Journal*. During the 84th Conference held in the Fall of 1958 he was presented with the Journal Award for these two papers. At this same Conference he was also presented with the Samuel L. Warner Memorial Award. This award recognizes "those developments or inventions which are likely to have the widest and most beneficial effect on the quality of the reproduced sound and picture."

Among recent honors was the presentation to Mr. Lewin of the Commander's

Trophy (*Journal*, p. 292, Apr., 1962). This trophy is awarded annually to the civilian employee of the Army Pictorial Center chosen as best exemplifying the spirit and ideals of Federal service while contributing the most to the accomplishment of the post's mission.

A number of Mr. Lewin's papers have appeared in the *Journal*. Two which have been long-standing continuous references are "A New Blooming Device," which appeared in April, 1947, and "Special Techniques in Magnetic Recording for Motion-Picture Production," in June, 1951. In addition to his service as a Governor of the Society, Mr. Lewin also served on various committees. He was devoted in his attendance at the Society's Technical Conferences where besides contributing technical papers he was a major contributor in the discussions during the sessions.

Mr. Lewin was elected a Manager of the New York Section of the SMPTE for 1961-1962, a post he also had held in 1955-1956. He was appointed a member of the Journal Award Committee for 1955-1956, and of the Warner Memorial Award Committee for 1957-1958, and again for 1961-1962. He also served as Chairman of the East Coast Committee for Scientific and Technical Awards for the Academy of Motion Picture Arts & Sciences in 1960.

### Watson P. Dutton

Watson P. Dutton died November 4 at the age of 62. He was administrator of special projects for Radio Corp. of Amer-

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# CALL FOR PAPERS

## 1964 Society of Photographic Instrumentation Engineers

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Photographic Instrumentation Education  
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Prognosis for Photo-Optical Instrumentation and Technique in the Next Decade and Beyond  
Other Related Topics

The *SPIE Technical Symposium* is open to all who find an interest in the program content and wish to attend and/or participate. Papers are welcome on all aspects of Photographic Instrumentation which will be of general interest to the society membership.

The *Call for Papers* is scheduled for January 1964. Potential participants should make their desires and intentions known to the Program Committee in February 1964. Anyone interested is invited to contact Mr. G. B. Cope, Technical Program Chairman, 933 W. Whitmire Drive, Eau Gallie, Florida 32935. Other inquiries concerning the Symposium should be directed to Mr. R. P. Murkshe, National Symposia Vice President, P. O. Box 1405, Cocoa Beach, Florida.



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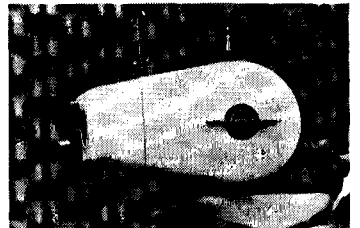
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ica, Defense Electronic Products Div., Washington, D.C. He had been with RCA for 32 years and had been stationed in Washington, D.C. since 1940. He attended Union College in Schenectady, N.Y., and was graduated in 1924 with the degree of Bachelor of Science in Electrical Engineering. He was employed by General Electric Co. until 1930 when he joined the RCA Manufacturing Co. in Camden, N.J. For many years a member of the Society, he served on the Papers Committee in 1956 and as Manager of the Washington, D.C., Section for the 1957-1958 term. He is author of a paper (together with S. Read, Jr.), "Some New RCA Photophone Studio Recording Equipment," which appears in the March, 1931, issue of the *Journal*.

### George H. Loving

George H. Loving, General Manager of the Du Pont Company's Photo Products Dept., died in a plane crash December 8, 1963, near Elkton, Md., at the age of 56. He was returning from Puerto Rico with his wife when the Pan American Airlines jetliner in which they were passengers crashed with the loss of all aboard. He had been with Du Pont for 32 years, and during that time he had held important sales, technical and administrative positions. He joined the company as a chemist at the Gibbstown, N.J., Laboratory of the Explosives Dept., following his graduation from the University of Colorado in 1930. He spent 12 years in various technical and

production posts before moving into sales. In 1943, he became Assistant Director of Sales and in 1950, Director of Sales for the Explosives Dept. In 1956 he was made Assistant General Manager of the Photo Products Dept. and became General Manager in 1963. Between 1956 and 1963 the company greatly expanded its operations in the photographic film and sensitized products field, and Photo Products became one of the fastest growing of Du Pont's 12 operating departments.

Mr. Loving was elected to the Board of Directors of the National Association of Photographic Manufacturers in 1961 and became a Vice-President of the NAPM in 1963.

## Abstracts

Abstracts of papers appearing in other journals, chosen for their importance and timeliness, are published in the *Journal* from time to time. Most of these abstracts are translations, chiefly from the U.S.S.R., and are made available to the *Journal* by the Research Laboratories of the Eastman Kodak Company. As a rule, translations are made of the foreign language abstracts, not of the paper itself. The respective complete original texts can be consulted at some libraries. Current issues of *Tekhn. Kino i Telev.* can be consulted at, or borrowed from, the Society's Headquarters Office.

Those requiring definitive and thorough searches of current literature and patents are referred to *ABSTRACTS of Photographic Science & Engineering Literature (APSE)*, published monthly by the Department of Graphics, School of Engineering and Applied Science, Columbia University in the City of New York, with the editorial cooperation of the Society of Photographic Scientists & Engineers. The editorial and business office of *APSE* is at: 632 West 125th Street, New York 27, N.Y.

The Subject areas are grouped below:

- Aerial Photography
- Cameras and Equipment (Except High-Speed)
- Cinematography (Underwater)
- Color
- Film
- General
- History (Surveys)
- Instrumentation and High-Speed Photography (Space)
- Laboratory Practice
- Lenses

### AERIAL PHOTOGRAPHY

**Improvements in or relating to Film Drive Mechanism for Photographic Cameras, British Pat. 931,805, R. Watts;** assigned to Nat. Research Development Corp. Filed Mar. 6, 1959, 2 pp., 1 plate.

In aerial photography it is necessary to allow for the relative movement between the object and the camera by imparting compensatory motion to the film during exposure. In an aerial photographic camera in which the film is automatically advanced by power means, this image movement compensation is effected by a cam mech-



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Patents

- U.S.A. 2,967,119
- Belgium 582,469
- France 1,238,523
- Canada 618413, 618414, 618415
- Luxemburg 37,634
- Great Britain Pat Appl. 30703/59



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