

motion-picture photography is the result of important contributions, inventions and discoveries by a considerable group of people, Dr. Hanson has personally been responsible for several of the basic ideas and concepts upon which the production of Eastman Color Negative films, Eastman Color Internegative films and Eastman Color Print films are based. His contributions have been numerous and have extended over a period of several years.

His invention of the use of colored couplers appears as outstanding in its importance; his analysis of the photographic characteristics and color requirements for the group of films to be used in professional color motion-picture photography has been very significant in their

evolution; his contribution to the processing of such colored films has been of definite importance. Dr. Hanson also made a contribution through his perception in the selection of ideas which were presented by others during the development stage and his judgment in the use of these ideas.

Dr. W. T. Hanson, Jr., is now head of the Color Photography Division of the Kodak Research Laboratory in Rochester, N. Y. He entered the service of the Eastman Kodak Company in 1934 after he received the Ph.D. degree in chemistry. While with the company he has devoted years of effort to color photography, though those efforts were interrupted during World War II by assignment to another post of responsibility.

SMPTE Elections

Early in August ballots were circulated to the 2300 voting members of the Society to elect Society and Section Officers for terms beginning January 1, 1957. Section ballots were counted by the section boards of managers prior to the 80th Convention and Society ballots were counted by a panel of tellers under M. A. Hankins on October 6 in Los Angeles.

The results of the Society election were announced by President John G. Frayne at the Get-Together Luncheon which officially opened the Convention. Dr. Frayne introduced the new officers and Governors who were elected for two-year terms. Barton Kreuzer, Director of Product Planning for the Radio Corporation of America, was elected President to succeed Dr. Frayne; and Norwood L. Simmons, Chief Engineer, West Coast Division of the Eastman Kodak Co. Motion Picture Film Dept., was elected Executive Vice-President. Other elected officers are Glenn E. Matthews, Eastman Kodak Co., Editorial Vice-President; G. Carleton Hunt, General Film Laboratories, Convention Vice-President; and Wilton R. Holm, E. I. du Pont de Nemours & Co., Secretary.

Six new Governors were also selected, including two each from the East Coast, Central and West Coast Areas. They are: Howard A. Chinn of CBS; Gerald G. Graham of the National Film Board of Canada; James L. Wassell of Bell & Howell; W. Wallace Lozier, National Carbon Co.; Edwin W. Templin, Westrex Corp.; and Ub Iwerks, Walt Disney Productions. Mr. Graham is the first member to be elected to the Board from outside the United States.

The following Section Chairmen and Secretary-Treasurers were elected for one-year terms and Members of the Boards of Managers for two years, except where otherwise indicated:

Atlanta Section

Chairman, Charles W. Wood
 Secretary-Treasurer, Earl R. Ruckdeschel
 Managers 1957-58, Charles D. Beeland, Jr.
 C. F. Daugherty
 L. H. Kelley
 Managers 1957, B. M. Loden
 C. Louie Strickland
 Frank H. Willard, Jr.

Chicago Section

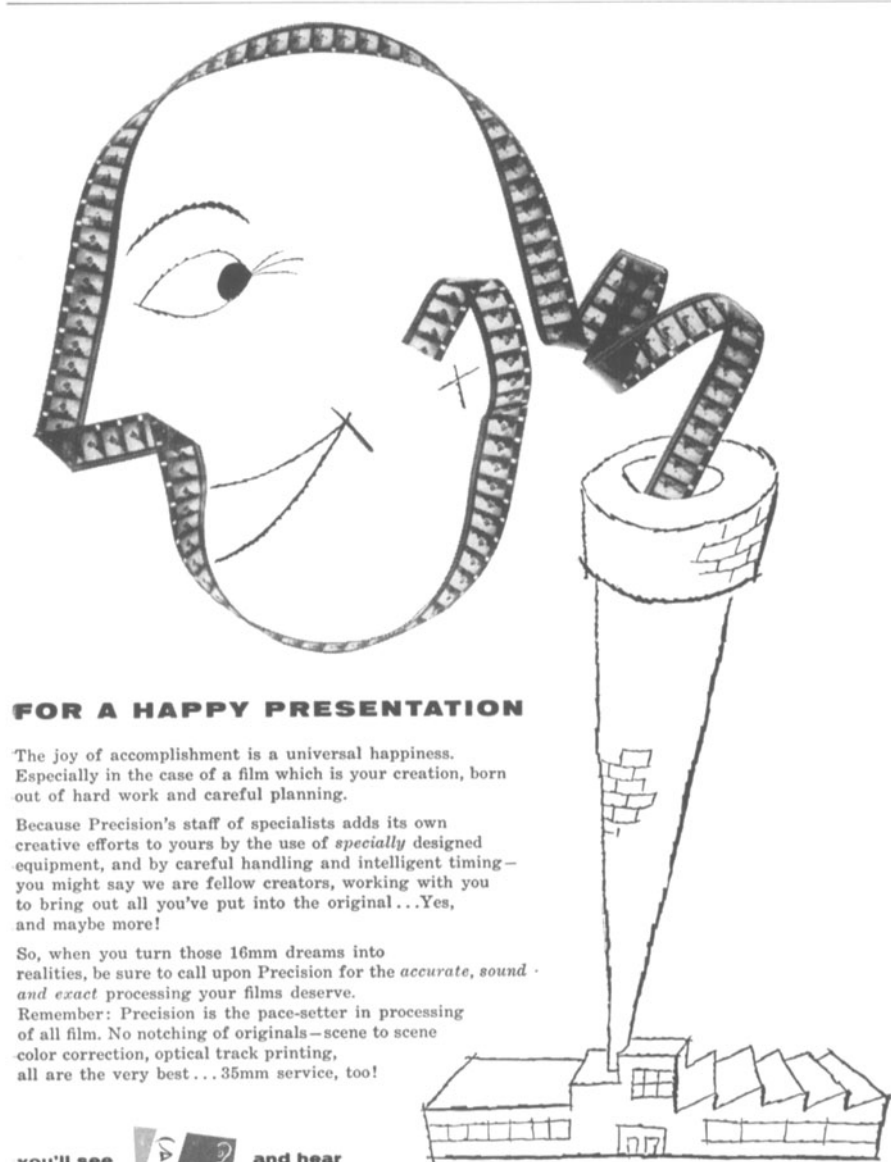
Chairman, Kenneth M. Mason
 Secretary-Treasurer, Howard H. Brauer
 Managers 1957-58, James A. Kellock
 Frank H. Riffle
 Ralph J. Sherry

Dallas-Ft. Worth Section

Chairman, Bruce S. Jamieson
 Secretary-Treasurer, Roddy K. Keitz
 Managers 1957-58, Jerry A. Dickinson
 Merl C. Hartung
 Bruce Howard
 Managers 1957, Jim Webb Cooper
 Hervey Gardenhire
 Erwin J. Pattist

Los Angeles Section

Chairman, John W. DuVall
 Secretary-Treasurer, Robert G. Hufford
 Managers 1957-58, Lester H. Bowman
 Louis H. Mesenkop
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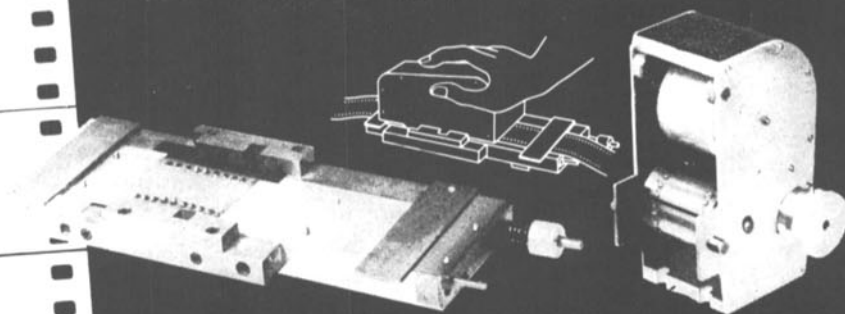
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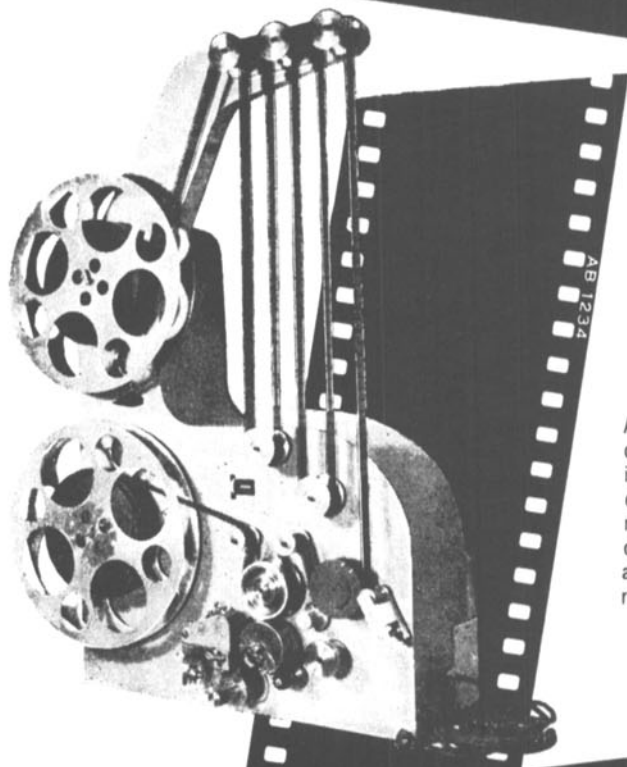
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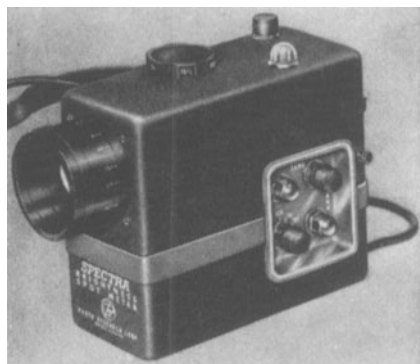
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Managers 1957, Walter Ball
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section reports



The Rochester, N.Y. Section met September 14 at the Dryden Theater, Eastman House, Rochester, N.Y., with an attendance of 85. Emery Huse, Manager, West Coast Division of Eastman Kodak Motion-Picture Film Dept., spoke on "Thirty Years of Cinematographic History." Mr. Huse, a Past-President of SMPTE, was introduced by another Past-President, Donald Hyndman. In his talk, Mr. Huse outlined the progress of black-and-white films from the first orthochromatic materials through the introduction of panchromatic film to the many specialized types used today. The progress in sensitometric and chemical process control and the advances in lighting from the original available light photography through the application of tungsten and arclights were also reviewed.

Mr. Huse also presented a demonstration of some of the earliest black-and-white motion pictures. The films were copied from paper prints made about 1900 and now stored in the Library of Congress. He then discussed the development of color films, starting with some of the original color materials in use as early as 1920 and continuing through the color negative and print films now in use. A demonstration of this progress was presented in the form of a collection of original samples of most of the important types of color materials used throughout this period. Mr.

Huse concluded his talk by presenting a description, illustrated by slides, of each of the large screen systems now being used.—G. T. Negus, Secretary-Treasurer, Rochester Section, c/o Color Technology Div., Eastman Kodak Co., Kodak Park Works, Rochester 4, N.Y.

The Chicago Section met September 25 in the Prudential Building, Chicago, with an attendance of 40. A paper by A. C. Mueller and W. E. Delhorbe, Bell & Howell Co., "A Rapid Acting Continuous Contact Printer for Additive Color Motion-Picture Printing," was read by Mr. Mueller. Through use of appropriate dichroic mirrors the light from an incandescent lamp is divided into red, green and blue beams. The printing intensity of each beam is controlled by a rotatable vane whose position is predetermined by a master program tape. A response time of less than 20 milliseconds for a complete change from minimum to maximum light is achieved. A manual electronic trimming control is provided to compensate for emulsion variations in print stock.—H. H. Brauer, Secretary-Treasurer, c/o Bell & Howell, 7100 McCormick Rd., Chicago 45.

The Los Angeles Section met September 18 in the Vine Street Studio of the American Broadcasting Co., Hollywood. An audience of 150 members and guests heard an address on "People, Things and the Engineer" by James F. Gordon, Chief Development Engineer, Helipot Corp. Theodore Grenier, Chief Engineer, Western Division, American Broadcasting Co., spoke on "Television Tackles the Political Convention," and Walter Bach, Vice-President, Berndt-Bach, Inc., spoke on "Magnetic 16mm Single-System Sound-on-Film Recording Camera Equipment."

The theme of Mr. Gordon's illustrated talk was the responsibility of the engineer to society. Mr. Gordon implied that engineers were generally machine-minded and inclined to expect the same type of performance from human beings that they were accustomed to from machines. A recognition of human values and a realistic approach to problems involving human beings would increase the engineer's effectiveness within society, the speaker indicated.

Mr. Grenier described and illustrated the coverage at the recent political convention in San Francisco. He described many of the details that were necessary in the giant equipment move from the convention. Emphasis was placed on the ABC facilities that were used in covering all phases of the convention including the various pickup points that were used in San Francisco.

Mr. Bach described the new single-system 16mm camera for simultaneously recording a high-fidelity magnetic 16mm soundtrack lip-synchronized with an optical picture in color or black-and-white (see the technical pages of this issue of the *Journal*). A color film demonstrating the operation of the camera and several high-quality recordings was screened and enthusiastically received by the audience.—John W. DuVall, Secretary-Treasurer, c/o E. I. du Pont de Nemours & Co., 7051 Santa Monica Blvd., Hollywood 38.