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**John H. Mattson** has been appointed Vice-President in Charge of Engineering and Manufacturing for Mitchell Camera Corp., manufacturers of theatrical, documentary and scientific cameras. He was formerly with Century Engineers, Inc. (re-named Royal Industries, Inc.) and later formed his own organization, Hi-Spec Electronics Corp., in North Hollywood. In 1965 he joined Weber Aircraft Co. as Aerospace Manager, following the merger of Hi-Spec Electronics.

**Hans Chr. Wohlrab**, who as director of engineering was responsible for the design of the Model C Color Printer, has resigned from Bell & Howell Co. to join Hollywood Film Co., 956 Seward St., Hollywood, Calif. 90038, as Chief Engineer. In his new assignment, Dr. Wohlrab will be directing the company's new program in laboratory equipment.

**Allan M. Koerner**, Assistant Director of the Photographic Technology Div., Kodak Park Works, Eastman Kodak Co., has announced plans to retire during 1968. Except for a two-year hiatus (1943-1945) when he assisted with the Manhattan Project in Oak Ridge, Tenn., he has been with Kodak since 1936. In 1945 he returned to Rochester where he assisted in the organization of the Color Control Div. (which later became the Photographic Technology Div.). In 1949 he was appointed Assistant Director of the division. From 1953 to 1958, he acted as supervisor of the quality control staff of the Color Print and Processing Organization and in 1958 he returned to the Photographic Technology Div. as Assistant Director. Following his retirement he will be succeeded by Howard W. Vogt who joined Eastman Kodak in 1939 as a technician in the Cine Processing Dept. of Kodak Park Works.

**George J. Dorman**, Manager, Visual Services, U.S. Steel Corp., Pittsburgh, celebrated his 50th anniversary with the company on March 26. His career with U.S. Steel began in New York when he was 13 years old. Later he was transferred to the Public Relations Department of the firm where he participated in the production of *Steel — Man's Servant*, the first industrial motion picture to be made in Technicolor. In 1940 he was transferred to the Advertising Department in Pittsburgh as Manager of Motion Pictures and Visual Aids where he developed U.S. Steel's motion-picture distribution system.

**Nineteen appointments** at Kodak Research Laboratories, Rochester, N.Y., have been announced by John A. Leermakers, Vice-President of Eastman Kodak Co. and Director of the Research Laboratories. Newly appointed senior research associates are William J. Dulmage, Edgar A. MacWilliam, R. Gilliam Rudd and David W. Stewart. New members of the senior staff are Charles A. Bishop, Lee Fleckenstein, John A. Haefner, Russell E. Jenkins, Ray S. Kicklighter, Bruce H. Klanderma, Jerome J. Looker, Arnold P. Lurie, Detlef Matz, Patricia A. McVeigh, Robert J. Wilson, David V. Young, Wendell F. Smith, Forrest C. Strome and Carl J. Williams. Senior staff appointments are in recognition of scientific achievements or increasing responsibilities in the laboratories.

**Cyril A. Horton** has retired from the post of Assistant Head, Applied Photography Division, Eastman Kodak Co. Dr. Horton joined Kodak in 1943 and worked on the production of military optical instruments at Canadian Kodak, Ltd. He transferred to Kodak Research Laboratories in 1945 and worked on the development of various color processes. In 1951 he was assigned to the Black-and-White Photography Division and in 1954 he was appointed Head, Graphic Arts Department, Applied Photography Division. In 1955 he was appointed Assistant Division Head in charge of graphic arts.



ATLANTA, Dec. 11 — The Atlanta Section held its December meeting at the new Marketing Education Center of Eastman Kodak in Atlanta.

Gene Myler, Eastman Kodak Co., Program Chairman, presented the program *Concepts in Communication*, Kodak's new multimedia audiovisual presentation designed to encourage the use of motion pictures, slides and other visual aids. It is a wide-screen presentation, completely synchronized and portable. Kodak's new super 8 equipment showed how teachers could use the equipment to stimulate slow learners.

Following the presentation, members of the Kodak staff conducted a tour of the Center, pointing out the latest in room de-

sign, flexible room space, computer-assisted photographic learning devices, and demonstration areas.

Refreshments were served courtesy of the Eastman Kodak Co. — Hubert Jenkins, *Chairman*, Public Health Service Audio-visual Facility, National Communicable Disease Center, Atlanta, Ga.

CAPE KENNEDY, Jan. 31 — Dr. Walter P. Siegmund of the American Optical Research Staff was the speaker at the January meeting of the Cape Kennedy Section. Thirty-eight persons attended the meeting held at the Kennedy Hilton Hotel.

Dr. Siegmund related the history of fiber optics from the first crude manufacturing



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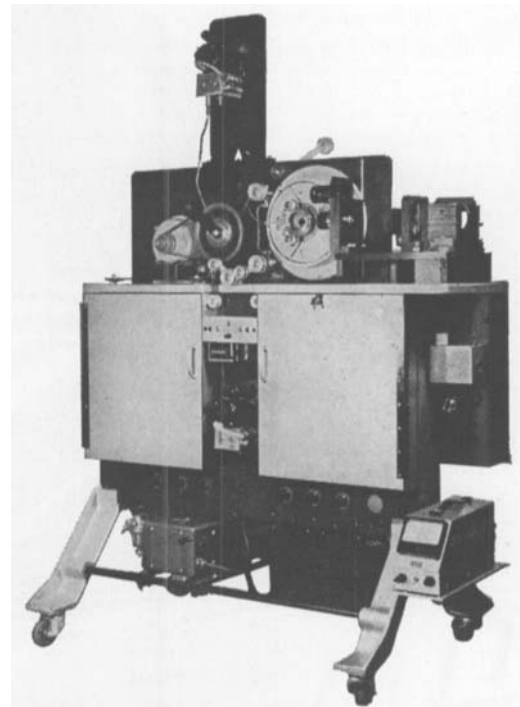
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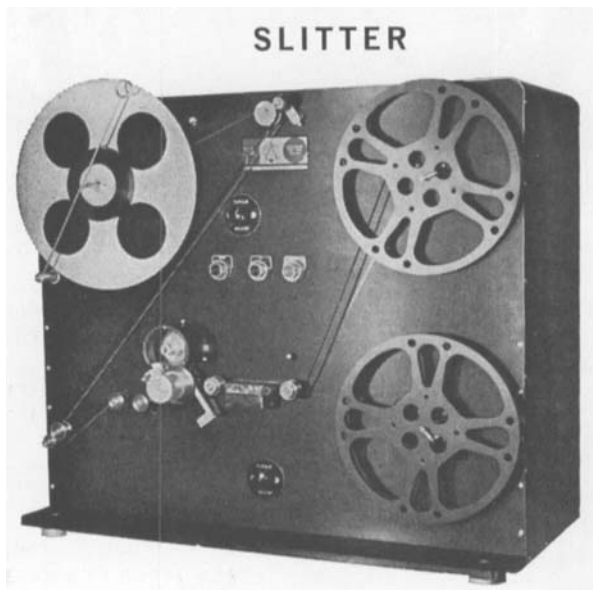
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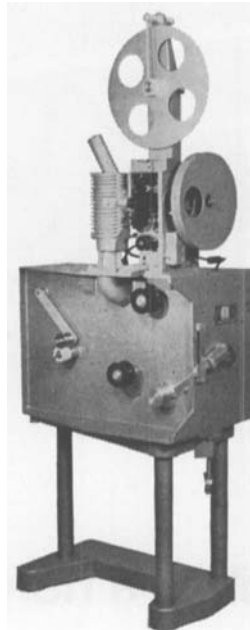


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facilities to the present modern plant. He explained how fiber optics are applied in many industries and how it is used in computers to improve the accuracy in gathering data from punch cards. Using fiber optics to transmit light from a single central light source to the minute scanning areas, the danger of an undetectable individual light failure which would cause costly errors in the data collected was alleviated. Of special interest were the applications being used in medicine today and how fiber optics aids medical research.

Dr. Siegmund's presentation was extremely well documented with slides showing the manufacture of fiber optics bundles, graphic cross sections of their formation and special applications to industry. He also demonstrated several fiber optics instruments, affording members and guests an opportunity to individually look through these devices. All were impressed by the resolution and clarity of the images transmitted.

A social hour preceded the meeting and the discussion was well received by the membership present. — H. Richard Hertel, *Secretary-Treasurer*, Technicolor Inc., John F. Kennedy Space Center, Fla.

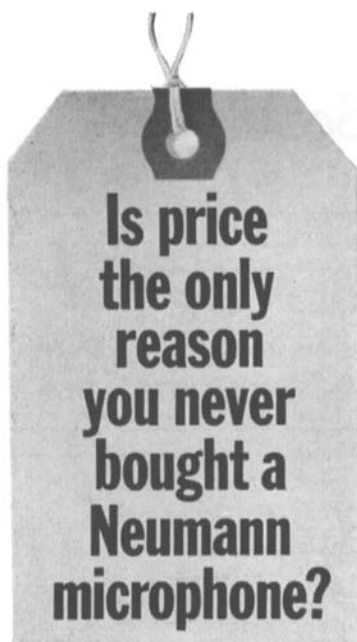
CAPE KENNEDY, Feb. 19 — The February meeting of the **Cape Kennedy Section**, held at Orlando Air Force Base, was attended by 50. The meeting opened with a film depicting present day photo operations in the war zone compared to what was available two years ago. The conditions under which crews serviced aircraft, types of photo equipment in use, the variety of missions flown and the results photographically obtained from today's combat installations were shown.

Col. D. E. Bjoring, Deputy Chief of Staff for Operations of Aerospace, Audio-Visual Services, USAF, briefed the meeting on delivery schedules being met by the processing recon laboratories in the area. He touched on types of film in use and processing equipment involved. Throughout his talk there was praise for the personnel and his pride in his outfit was evident to the audience.

An Air Force film titled *There Is A Way*, was shown. The film depicted a visit to the fighting men in Vietnam. The on-the-spot interviews reflected the attitudes of these men, who appeared uninhibited in front of the camera. Col. Bjoring said the film crew had been stationed with the flight crews for two months to gain acceptance before beginning filming.

SMPTE President G. Carleton Hunt, DeLuxe Laboratories, was present at the meeting and spoke briefly on Society affairs. A social hour at the officers club preceded the meeting and many members and guests remained for dinner after the meeting. — H. Richard Hertel, *Secretary-Treasurer*, Technicolor Inc., John F. Kennedy Space Center, Fla.

CHICAGO, Jan. 23 — The January meeting of the **Chicago Section** was held at Behrend's, Inc., where 70 persons attended. Jack Behrend presented an interesting talk and demonstration on the status of quartz lights and lighting techniques. Many of the lights of this type now available were on display and demonstrated.



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Behrend's talk included general information on the development of the quartz light and emphasized the advantages as well as some of the problems encountered when using quartz lighting. A lively discussion period followed the presentation. Coffee was served courtesy of Behrend's. Prior to the meeting, about 25 members gathered for dinner at the Press Club. — William A. Koch, *Secretary-Treasurer*, Eastman Kodak Co., Oak Brook, Ill.

DENVER, Dec. 13 — The studios of KOA-TV hosted the **Denver Section** meeting where 42 members and guests attended in spite of a cold and snowy night.

The evening's program was presented by Lou Burroughs, Vice President, Electro-Voice, Inc. His talk was a practical, how-to-do-it, non-technical discussion on microphones and microphone techniques based on case histories of microphones in use in TV, radio, motion-picture and recording studios. Projector slides and sound tapes illustrated the use of microphones. Several Electro-Voice microphones were demonstrated.

A question-and-answer period followed the presentation. — Paul F. Emrich, *Secretary-Treasurer*, Thos. J. Barbre Productions, Denver, Colo.

DENVER, Feb. 13 — The February meeting of the **Denver Section** was held at the studios of Western Cine Services, Inc. where 25 members and guests attended.

The evening's speaker was Bill Loeffler, local representative of the Fastax Div. of the 3M Co. Loeffler presented a program on high-speed photography. The film, *Time Is*, with unusual and original cinematic techniques, was shown.

After the film there was a demonstration and discussion of high-speed photography (from 24 frames/s to just under 1 billion frames/s). The camera equipment was displayed, along with films of equipment that was impractical to display. The presentation included films of various high-speed events taken at normal frame rates and at high speed.

The meeting also featured a short demonstration of the "dry silver" process used to make black-and-white contact prints or enlargements and the development technique used. — R. S. Wise, *Secretary-Treasurer*, 1021 Albion, Boulder, Colo.

HOLLYWOOD, Jan. 16 — Some 100 members and guests attended the **Hollywood Section** meeting held at CBS Television City in Los Angeles.

Jack Hall, Technical Director, DeLuxe-General Laboratories, Hollywood, described a new technique of using ultra-high frequency for final drying of color and black-and-white motion-picture film in a 200 pt./min developing machine. Shortened throughout time, lower electrical power requirements combined with a minimum volume of air, yielding economic advantages over conventional drying systems, were pointed out.

John Waner, Eastman Kodak Co., presented a paper by H. Ott and J. Dunn of Eastman Kodak in Rochester, describing the rotary buffer squeegee developed to controllably remove liquid from a strand of

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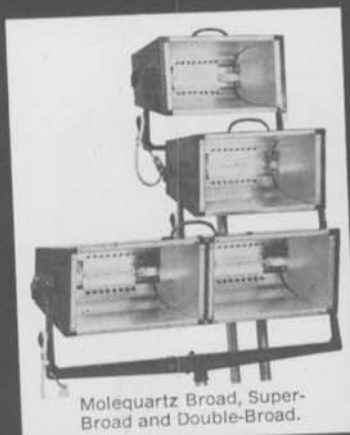
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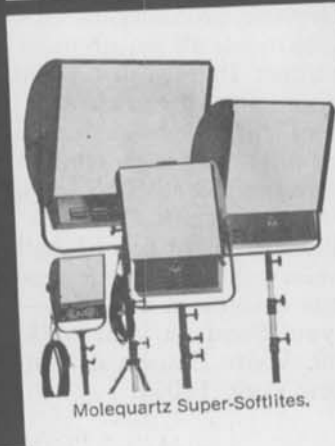
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film passing through it (see *Jour.*, February, 1968, pp. 121-124). — Howard F. Stucker, *Secretary-Treasurer*, California State College, Los Angeles.

**HUNTSVILLE, Jan. 26**—The **Huntsville Section** held its January meeting in the John Hunt Room of the Russel Erskine Hotel following a premeeting dinner in the hotel's Town and Country dining room where Alonza J. Davis, the guest speaker, was entertained. There were 13 persons attending the meeting.

Davis, Chief of Electronics Systems Section, Instrumentation Div., George C. Marshall Space Flight Center (NASA), in Huntsville, presented a program on "Space Vehicle Photographic Systems," in which he described the design and operation of the recoverable capsule camera system used in the Saturn IV launch vehicle.

Using color slides and stop-action motion pictures from on-board cameras, he compared the system to past and future configurations.

The presentation was followed by a NASA-produced film entitled *Apollo IV, the First Giant Step*, which contained portions of the film obtained by the on-board cameras. A social gathering of members and guests followed the meeting. — Karl LaRoche, Jr., *Secretary-Treasurer*, 2209 Euclid Rd., Huntsville, Ala.

**NASHVILLE, Jan. 20**—Four presentations were on the agenda for the **Nashville Section** meeting attended by 27 members and guests at WSM television studios.

"Ampex History and Future Forecasts," was presented by Warde Adams, Ampex Corp.; "Ampex Audio and Low-Noise Tape," was presented by Henry Bogards and Brian Hickock, Ampex Corp.; "Multi-Generation Video Tapes," was presented by Bob Duden, Ampex Corp.; and "8mm Projector Testing" was presented by Tony Pilversak, Trafco.

This was considered a very interesting meeting with a good exchange of ideas. — Ralph L. Hucaby, *Secretary-Treasurer*, 945 Caldwell La., Nashville, Tenn.

**ROCHESTER, Jan. 11**—A report on the International Congress on Photographic Science, held in Tokyo and Kyoto, Japan, last September, was given by Dr. B. H. Carroll of Rochester Institute of Technology and T. H. James, Eastman Kodak Co., before 100 members and guests attending the **Rochester Section** meeting. The meeting was held at the Dryden Theater.

Drs. Carroll and James emphasized the importance of the new work presented at the conference. They also gave abstracts of selected papers from the conference. Dr. James also presented an abbreviated version of the paper he delivered at the Congress, "A Study of the Effect of Dye on Silver Bromide Emulsions in Vacuum." Slides were also shown of the meeting places and prominent personalities in attendance.

Preceding the meeting, an excellent visual encyclopedia on the selection and sensitivities of the "Xerographic Photoreceptor" was given by Dr. Evan Felty, Manager, Photoconductor Systems Development Branch, Xerox Corp., Rochester. — Roland J. Zavada, *Secretary-Treasurer*, Eastman Kodak Co., Rochester.

**ROCHESTER, Feb. 8**—A presentation on the "NBC News Film Technique" by Sheldon Nemeyer of the NBC News Film Equipment Laboratory and Sound Services, New York, highlighted the **Rochester Section** meeting. The meeting, attended by 190, was held at the Dryden Theater.

Nemeyer gave a history of news film reporting, via television, from 1948 to the present. He impressed the group with the amount of film footage used by NBC News: more than the equivalent of having a camera run every minute of every day throughout the year.

The advent of color newscasting caused dramatic changes in film handling. Color, being more complicated to process, requires more time. Modifications to film handling and new processing equipment were the results of the decision to use color in news broadcasts in August 1965, and that they should be 100% color in November 1965. One of the first NBC news color films shown was of a ship fire, shot on super 8 film by an alert amateur.

The techniques of expediting film from the camera to the television chain were explained. The need for processing support systems within NBC was emphasized. The complex coordination of shooting, processing, and editing to keep time to a minimum, impressed the group. — Roland J. Zavada, *Secretary-Treasurer*, Eastman Kodak Co., Rochester.

**WASHINGTON, D.C., Jan. 16**—The January meeting of the **Washington Section** was held at the National Academy of Sciences. Seventy-eight members and guests attended. The meeting opened with the showing of a film, *Color and Pigment in Art*, produced by Coronet Films. The Speaker for the evening was E. Carleton Winkler, Director, Production Standards and Practices, CBS Television Network, New York.

His subject for the evening was "Lighting for Color Television." Winkler explained proper colors incorporated into set designs, lighting intensities, proper clothing design and color in fabrics. He described in detail the proper use of make-up and emphasized good color for color TV and also an acceptable monochrome image for those viewers who do not have color television. He showed examples of lighting effects on the relationship of carefully selected colors as well as background materials. Another important point he stressed was the proper utilization of a few lights, rather than misusing too many. He stressed the importance of cross-communication between the production staff and the TV engineers.

A set of well-prepared 2X2 slides was used to illustrate the lecture. The presentation was reinforced by the use of two 16mm color motion-pictures dealing with all aspects of his talk: *Color and Brightness Contrasts in Color Television* and *Color By Design*. The two films were produced by CBS of California. Winkler was the moderator and the narrator for both films.

Winkler's presentation was so thorough, the question and answer period was minimal. The members were very appreciative of having the opportunity to hear this speaker. — Harold E. Dixon, *Secretary-Treasurer*, Walter Reed Army Inst. of Research, Washington, D.C.