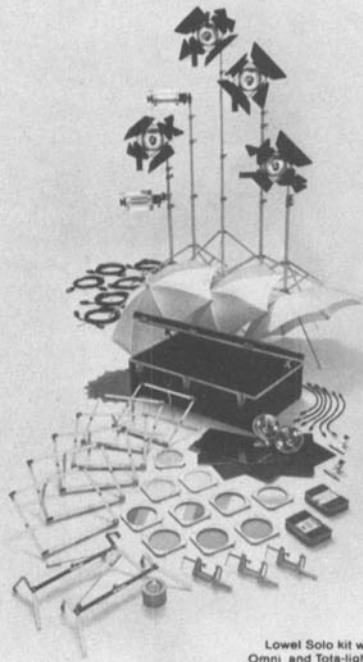


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Section Meetings

Australia, 20 November — The meeting was held at TV Station ATN in Epping, N.S.W., with an attendance of 130 members and guests. Sidney Solow (Professor of Cinema at the University of Southern California and Chairman of the Executive Committee of Consolidated Film Industries) with his broad and deep practical knowledge of motion-picture techniques was an outstanding guest and his presence was undoubtedly the reason for the large audience of members and other interested persons. Solow is known personally to many members of the Australian Section and admired by all for his achievements in the industry and his long involvement with the SMPTE. His address covered the basic principles of color as the elements of white light, etc., in a clear and concise fashion, brilliantly supported by 35mm slides which he had brought with him for this purpose.

Also of special interest was Solow's demonstration of "The Land Phenomenon" because of his close contact with Dr. Land. Excellent projection was provided from three Carousel projectors under the meticulous control of Russell Chapman of Kodak Australasia.

The venue was ideal — a sound stage carefully prepared with the right screen for 3-image projection, perfect sound and the entire program recorded on color video. The audience reaction was one of whole-hearted enthusiasm. Undoubtedly this was one of our most outstanding meetings. — Phillip Budden (Chairman), Colorfilm Pty Ltd., 35 Missenden Rd., Camperdown, N.S.W. 2050, Australia.

Chicago, 17 October — The meeting, held jointly with the Chicago Chapter of the Society of Broadcast Engineers, took place at WFLD-TV with an attendance of 175 members and guests. A panel of experts, chaired by John Taff, Assistant Chief of Rules and Policy of the FCC, discussed the issues. Recent developments in enforcement of FCC regulations as they apply to blanking standards within the broadcast industry have brought about serious concern regarding the compatibility of past and present video productions in all formats. The panel discussed the situation in depth and explored possible solutions. — Paul R. Markun (Secretary-Treasurer), 230 East Ontario, Chicago, IL 60611.

Chicago, 20-21 October — The two-day meeting, the 6th Annual Midwest Seminar on Videotape and Film held at the Marriot O'Hare Hotel, was attended by about 120 persons. Other than the SMPTE Chicago Section the meeting was sponsored by the Chicago Film Council, Informational Film Producers Association, and the Chicago Chapter of the International Television Association. On 20 October, the program — Showcase — consisted of the showing of commercial and entertainment films and videotapes. Donald Henderson of Eastman Kodak was Seminar Chairman.

On 21 October, the first session was on Animation. May Pietz was Moderator. The second session, Talent on Talent, was moderated by Vic Perillo of the William D. Cunningham Agency.

The third session, Special Effects/Special Techniques, was led by co-chairmen, Mickey Miti-diero, of Cinetronics, and George Eastman, of Kinetics. The luncheon program consisted of a showing of the Clio Award Winning Commercials. The moderator was Bruce Stauderman. The fourth session, Multi-Image, was chaired by Bill Harder of Fred A. Niles Communications. The fifth Session was on Location Production, with co-chairmen Pam Hughes, an Independent Producer/Director; Bruce Stauderman, of Meldrum and Fewsmith; and Josef Sedelmaier, of Sedelmaier Films.

Four papers were presented at the sixth session on The Future. Sue Morris's presentation was entitled "The History of the Future." Tom Hope of Hope Reports presented a paper entitled "The State of the Art." "The Future of Film" was discussed by Bill Koch, of Eastman Kodak, and Bob Pfannkuch, of Bell & Howell, discussed "The Future of Video." — Paul Markun (Secretary-Treasurer), 230 East Ontario, Chicago, IL 60611.

Chicago, 29 November — The meeting, held jointly with the Chicago Chapter of the Society of Broadcast Engineers, took place at Swiderski Electronics in Elk Grove Village with an attendance of 60 members and guests. Subject of the program was Digital Video Noise Reduction. Dennis Shelton, of the TeleMation Division of Bell & Howell, showed the TeleMation Model TDF-1 Digital Noise Filter, and discussed the specifications and demonstrated the capabilities of this new filter. Some members of the audience had brought ¾-in "problem tapes" for trial through the TDF-1 noise filter. Following the demonstrations, members of the audience were taken on a conducted tour of the Swiderski Electronics facility. — Paul R. Markun (Secretary-Treasurer), 230 East Ontario, Chicago, IL 60611.

Dallas/Fort Worth, 6 December — The fifth annual Student Film and Video Festival, sponsored by the Dallas/Fort Worth Section, was held at Skyline High School with an attendance of some 40 members and guests. The program featured the showing of selected works, both film and tape, of the area's most promising young producer/director students. The productions were by students in the University of Texas at Arlington (UTA) and Skyline High School. The productions, chosen on the basis of student talent, direction and creativity, were selected by Professors Andy Anderson of UTA and Mike Kaufmann, Ben Waldrip and Frank Sloan of Skyline. A panel of experts was on hand to provide informal criticism and advice for the students. — Roy Cherryhomes (Secretary-Treasurer), Southern Baptist Radio-TV Commission, 6350 W. Freeway, Fort Worth, TX 76150.

Detroit, 5 December — The meeting was held at Producers Color Service's television production studio in Detroit with an attendance of 80 members and guests. James A. Merkle and

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Andrew Fielek, both of Producers Color Service, presented two excellent papers. Merkle's paper was entitled "Intermediate Duplication System for Color Negatives." It described the general properties of Eastman color reversal intermediate film (7249) and Eastman color intermediate II film (7243). Following a very comprehensive discussion of the image structure to be expected of each emulsion, 16mm film screen examples of granularity, contrast and resolving power were shown. The demonstration film was a superb split-screen optical that clearly revealed the characteristics of each emulsion.

Fielek's paper dealt with selecting a print film material for television transfer. The emphasis was on the rationale for choosing low-contrast emulsions. The slide presentation was

followed by a split-screen videotape comparison of the film-to-tape conversions.

The meeting was concluded by a tour of Producers Color Service's complete post-production facility. — John D. Mayberry (Secretary-Treasurer), Ford Motor Co., 12801 Prospect St., Dearborn, MI 48126.

Florida/Caribbean, 28 November — This was a combined meeting of the Society of Broadcast Engineers, the Audio Engineering Society and the Florida/Caribbean Section, held at WPBT Channel 2 studio in North Miami with an attendance of 59 members and guests. The speaker was Greg Silsby of the Electrovoice Microphone Division, Buchanan, Mich., whose presentation was entitled "Microphones and

Their Usage." He described the evolution of professional microphones from the heavy, bulky and delicate condenser and dynamic microphones used in early talking motion pictures to the modern electret condenser microphones which are small, light and rugged and available in a wide range of models for different purposes. Silsby demonstrated the polar patterns of various microphones with slides and with corresponding recordings of the late Lew Burroughs' voice speaking as he moved across the face of each microphone in turn.

Silsby also demonstrated the proper use of the right microphone in difficult pickup situations, such as in the corner of a room or set, against a hard wall or across the top of a polished desk or table. He showed how, in an emergency, an effective noise-cancelling microphone can be obtained by strapping together two identical microphones connected out-of-phase.

Following the presentation, Silsby answered a number of questions from the audience. — Chris Lankester (Secretary-Treasurer), 320 North Luna Court, Hollywood, FL 33021.

Hollywood, 12 December — The annual Hollywood Section Christmas meeting was held at the Walt Disney Studio Theater with an attendance of 575 SMPTE members and their families. A special pre-release screening of *North Avenue Regulars* was shown. The film and facilities were made available through the courtesy of Walt Disney Productions. Cheers, laughter and applause erupted during the showing with children and adults sharing the excitement and enthusiasm of the evening. Many Christmas greetings were exchanged and many friendships were renewed at this meeting. — Craig Curtis (Secretary-Treasurer), NBC, 3000 W. Alameda Ave., Burbank, CA 91523.

Houston, 7 December — The meeting was held at the Eastman Kodak offices with an attendance of 18 members and guests. The speakers were John Norris and John Brunton, Jr., both of Eastman Kodak. Norris presented a paper entitled "Design Criteria for Processing ECO 2.2." Brunton's presentation was entitled "Care, Handling and Storage of Film Images for Television Broadcast and Motion-Picture Projection." Following the presentation of the two papers a 16mm motion picture displaying examples of original camera stock and the companion print stock for each emulsion was shown — Jack Long, A.I.E. Studios, 3905 Braxton, Houston, TX 77063.

Montreal/Ottawa/Quebec, 7 Nov. — The meeting was held at the National Film Board auditorium in Quebec with an attendance of 160 members and guests. The speaker was Carl M. Shrader, Director of Photographic Services for the National Geographic Society. He presented an interesting and informative multi-slide show with musical effects and a complete history of the National Geographic Society, dating back to 1884 when the magazine was first published. Also shown were some of the very early photographic techniques and equipment, the first color films, methods of editing, layout and printing. Some 400 slides were used to show the evolution of the *National Geographic* of the present.

Following a coffee break, the audience was shown a National Geographic film, *The Living Sands of Namib*, an award-winning film photographed on a strip of desert extending 1300 miles from a point in Southern Angola through Namibia, or South West Africa.

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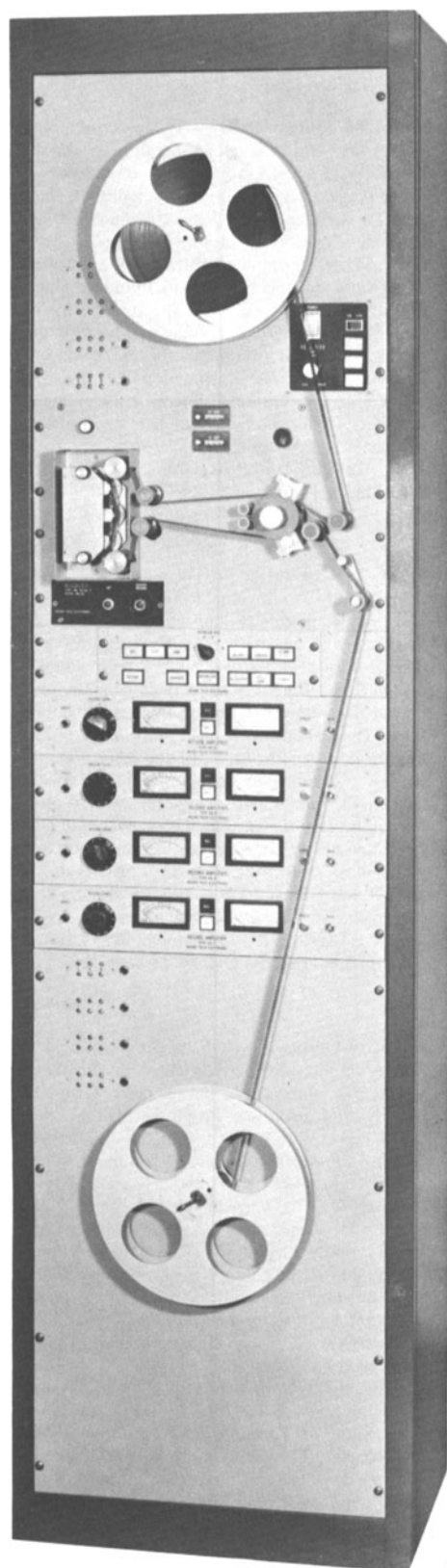
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Section members and their guests were provided with an unusually delightful evening through the courtesy of the National Geographics Society. — Grant Dearnaley (Secretary-Treasurer), National Film Board of Canada, 3155 Côte de Liesse, St. Laurent, Quebec.

New York, 6 December — The meeting was held at the United Engineering Center with an attendance of some 150 members and guests. The first paper on the program, "Depth Perception in Color Photography," was written by the late Ralph Evans and first presented by him about 30 years ago. An updated version of the

paper was presented at this meeting by Bonnie K. Swenholt of Eastman Kodak, who had worked closely with Ralph Evans for many years. The audience was fascinated by a series of lantern slides demonstrating the subjective perception of depth and proving that things are not necessarily the way they appear. This paper has been presented very few times before, but judging from the positive audience reaction and the deep interest displayed it should certainly be presented more frequently in the future.

The second event on the program was a 30-min film, *The Final Show*, shown by the producer, Joseph A. Janowicz, assisted by Edward F. Ortman and Robert F. Scheg, all three of Eastman Kodak. *The Final Show* is a story of survival centering on the conflict between an old moviehouse caretaker who cherishes "his" theater and the new owner who wants to tear it

down. Janowicz discussed his experiences in filming, producing and directing *The Final Show* and other independent productions. — Richard Marcus (Reporter), Rombex Productions; home address: 1380 Riverside Drive, New York, NY 10033.

Ohio, 14 March 1978 — The meeting, held jointly with the Cleveland Section of the Illuminating Engineering Society, took place at the Cleveland Engineering and Scientific Center with an attendance of 35 members and guests. Peter A. Sokoloff, Editor of *Lighting Dimensions Magazine* gave a presentation entitled "Entertainment Lighting and Its Influence Upon Lighting Design," stressing the importance of the collaboration of everyone involved in the production of a motion picture or television program. His talk was illustrated with "invisible slides" — a "gimmick" intended to stimulate members of the audience to use their imaginations. — Edward R. Feil (Secretary-Treasurer), Edward Feil Productions, 21987 Byron Rd., Shaker Heights, OH 44122.

Ohio, 28 September — The meeting was held at Ohio Bell's Audiovisual Room with an attendance of 38 members and guests. Charles F. Wilkinson of Eastman Kodak gave a 24-part demonstration of various Ektachrome reversal originals and Eastman color negatives showing the results obtained with different intermediate films. The elaborate demonstration showed Eastman Kodak films 7252, 7240 and 7247 illustrating how 7252 appears when printed to 7390 and through the internegative stage to 7383. A similar demonstration was given for flashed 7240. For a color negative original, the demonstration included a direct print, a print from CRI and a print from two-stage 7243, all with side-by-side screening. — Edward R. Feil (Secretary-Treasurer), Edward Feil Productions, 21987 Byron Rd., Shaker Heights, OH 44122.

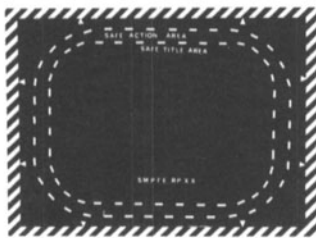
Ohio, 19 October — The meeting was held at NASA's Lewis Research Center in Cleveland where 26 members and guests heard Owen E. McCoy, Industrial and Photo Technician, present a report on the 13th International Congress of High Speed Photography and Photonics held 20-25 August 1978 in Tokyo. He gave a brief summary of the current technology of high-speed photography and photonic imaging systems as reported by surveys from several nations represented at the Congress. He included a few notes on some recent advances and trends in the development of equipment applications and the methodology of this specialized branch of technical photography.

The highlight of the program was a sound color film produced by Prof. L. J. Poldervaart of the Institute of Technology at Eindhoven, The Netherlands. The film, made in 1978, specifically to show at the Congress, summarized the many applications of high-speed photography and photonic systems used in industry and for research in The Netherlands.

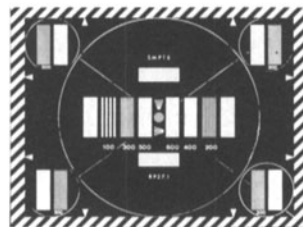
Following the program, Ernie Walker, Head of NASA's Photographic Technology Section, discussed NASA's involvement in high-speed photography and later conducted members of the audience on a tour of the photographic facility. — Edward R. Feil (Secretary-Treasurer), Edward Feil Productions, 21987 Byron Rd., Shaker Heights, OH 44122.

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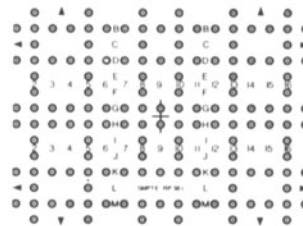
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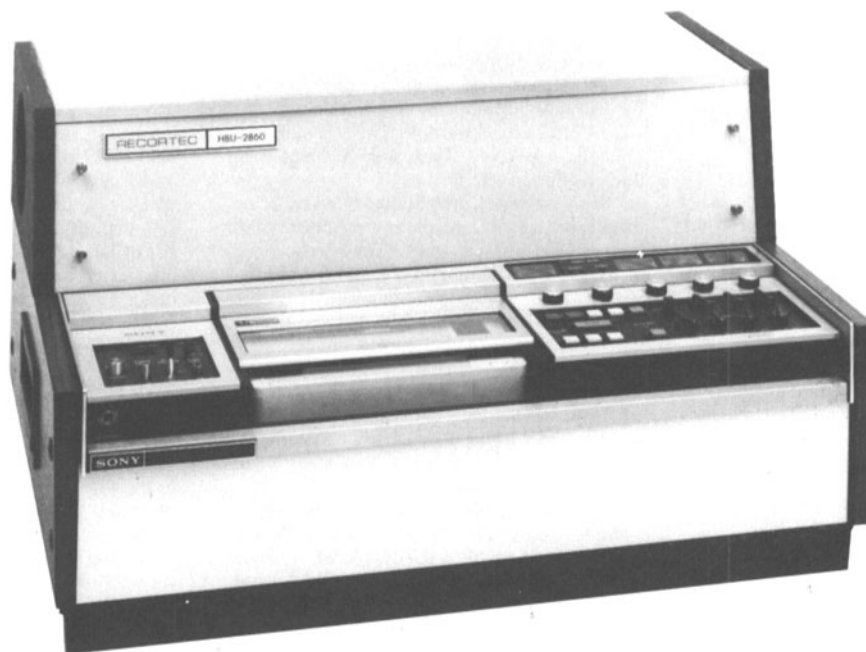
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Rocky Mountain, 21 December — The annual Christmas Get-Together was held at the Western Service and Supply Company in Denver with an attendance of 24 members and guests. Thanks to the efforts of Bob Tankersley, of Western Service and Supply, and Nick Jincio, of I.A.T.S.E. Local 230, we saw *Paradise Alley*, an excellent motion picture enjoyed by every member of the audience. The meeting was preceded by cocktails and dinner at the Picadilly Prime Rib House. — Sol Jeffrey Grazi (Secretary-Treasurer), Communications Unlimited, 6210 East 6th Ave., Denver, CO 80220.

Toronto, 14 November — The meeting was held at the Ryerson Polytechnical Institute with an attendance of 65 members and guests. Manfred Klemme, National Sales Manager of Arri/Nagra, a Toronto distributor, presented the first paper which was entitled "Care and Feeding of Nagra Recorders." Klemme outlined the requirements for compact, high-quality magnetic sound recorders to record the original sound in motion-picture production. They must operate under wide extremes of temperature, humidity and other climatic evils. They must also be operable in any position and under severe conditions of motion and vibration. Under all environmental conditions the quality of the recording must be the highest possible in respect to signal-to-noise distortion, speed stability and frequency response. These are essential since the original sound will subsequently undergo several generations of dubs before it is ultimately heard by the motion-picture viewer.

Klemme made use of slides to highlight all of the features of the Nagra 4.2L recorder, the latest unit produced by Kudelski. This is the successor of the famous Nagra III and Nagra IV recorders. It is a 1/4-in full-track machine with Neopilot synchronization. He went on to point out the high-quality specifications of the machine and its operating capabilities.

A coffee break provided by Arri/Nagra followed this presentation.

The second paper of the evening was given by Richard Schreibman, Sales Manager, Arriflex Corp., Elmsford, N.Y. The title of the presentation was "New Tools and Techniques for Today's Filmmaker."

Schreibman began by stating that new equipment is not, as some people suspect, the result of a conspiracy between gadget-obsessed cameramen and manufacturers of planned obsolescence. Technological innovations have revolutionized the way cameramen shoot films, he said. Cameras have become smaller, more versatile and more reliable. Eastman color negative allows shooting virtually anywhere with one emulsion. HMI lights have solved many color problems and reduced setup time. Super-speed lenses allow shooting in very low light conditions.

These new techniques were demonstrated by a film entitled *Arriflex 16 SR/Close-Up*. The film was made to introduce the 16 SR while taking advantage of the most recent technology available. Eastman color negative 7247 was used throughout. The release was on Eastman color 7281. Filming was done outdoors, indoors and in a coal mine under very low light conditions.

Various features of the camera were pointed out in the film.

A second film demonstrated the new generation of optics which takes advantage of the latest advances in film emulsions, laboratory processing and lighting techniques. The new Zeiss Super Speeds are professional motion-picture lenses developed for contemporary low-light-level cinematography. — Ray Brulé (Chairman), 3M Canada Ltd., 790 Wellington St., London, Ont., Canada N6A 3S3.

Toronto, 12 December — The meeting was held at Ryerson Polytechnical Institute with an attendance of 46 members and guests. The speakers were Richard Knowles and James Murray, both of Canadian Broadcasting Corp., and Alex Clarkson, P.F.A. Labs. Knowles presented a paper entitled "A New SMPTE 16mm Magnetic Film Standard" reporting on the present status of the new multi-frequency M-16 MF (70 μ s). He pointed out the difference in the characteristics and the need of the industry to upgrade the playback and recording equipment. He answered many questions from the floor, but found no answer to the question, "Why did the Test Film become available without notification in the *Journal*?" It was suggested that the test film itself should contain more information.

Murray, who for many years has produced science programs for CBC, discussed his preference for film in a presentation entitled "The Choice Is Film." He used slides showing location filming from the jungles of South America to the upper Arctic. He noted that he had been producing films for CBC since 1957 and had always used reversal stock.

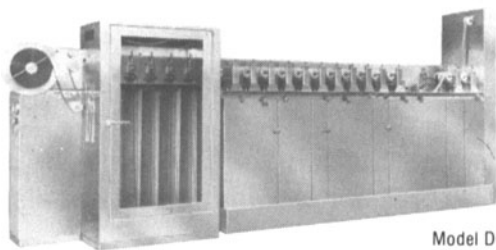
In presenting a paper entitled "The Advantages of High-Speed Wet Gate Printing for Negative-Positive," Clarkson noted that the equipment has a high-speed capability of 220 ft/min; however, he said, the standard speed is 180 ft/min. This equipment is a total immersion type where the raw stock plus negative and optical track is completely immersed in the liquid. The demonstration film after dry printing showed scratches and after wet gate printing appeared to be scratch free. The procedure, however, does not eliminate heavy emulsion scratches. The wet gate printing is primarily for producing dupe negative film from originals. Clarkson pointed out. Interesting discussion periods followed the presentations. — Harold J. Eady (Secretary-Treasurer), Bonded Services International, 205 Richmond St. West, Toronto, Ont., Canada M5V 1V5.

Washington, 13 December — The meeting was held at the Ramada Inn in Baltimore with an attendance of 16 members and guests. George Anderson, Field Engineer for Tektronix, displayed the SMPTE Standard Color Bar Test Signal and discussed its advantages in setting up a picture monitor. Although the Tektronix Test Signal Generator for new color bars is being modified, Anderson was able to use a 3/8-in tape to show the benefits of this new technique. He also discussed improvements in some of the newer Tektronix monitors.

The second part of Anderson's presentation concerned measurement and control of incidental carrier phase modulation in visual transmitters. The advantage of this technique is that it minimizes "intercarrier buzz." Tektronix's new graticule for the 1480 Series waveform monitor permits reading ICPM to one degree and, with it, it is now no more difficult to measure ICPM than differential phase. — Charles F. Wilkinson, Jr. (Chairman), Eastman Kodak Co., 500 12th St., S.W., Washington, DC 20034.

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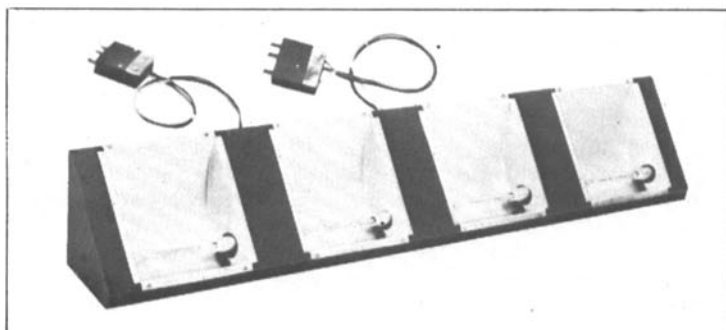
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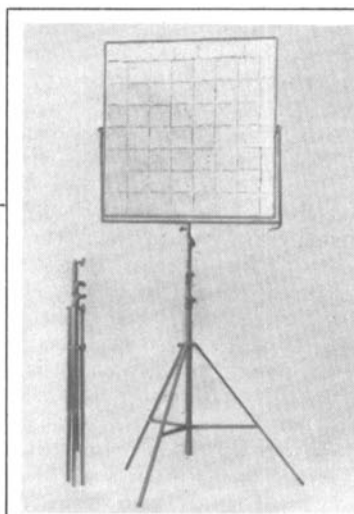


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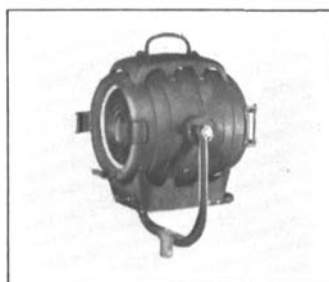


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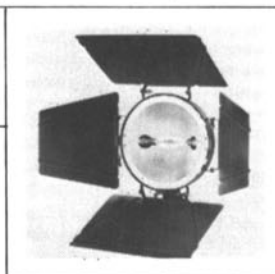


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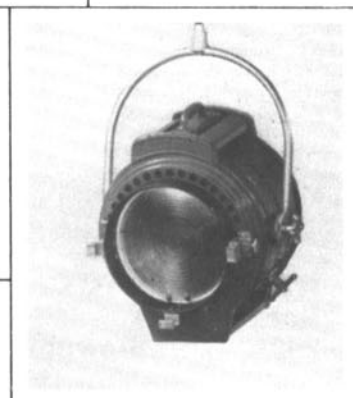
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