

section reports



The Atlanta Section met on April 25 with an attendance of 13. Henry White, WSB-TV, gave a very interesting and informative talk outlining the modernization of the facilities of WSB-TV, Atlanta. Through the use of slides he illustrated the functions of various pieces of equipment, including two

new 4½-in. image-orthicon cameras, a new film chain with a later version of optical multiplexer, and a completely new monitoring system for both picture and sound. A guided tour of the station's facilities followed.

Inclement weather was responsible for the rather limited attendance at a meeting which was considered one of our most interesting to date—John C. Horne, *Secretary-Treasurer*, 404 Page Ave., N.E., Atlanta 7, Ga.

The Chicago Section met on June 19, at Motorola, Inc., Franklin Park, Ill., with an attendance of 100. Robert Hansen, Chief Color Engineer, Motorola, Inc.,

discussed the past, present and future of color television as seen by a leading TV manufacturer. A new 23-in., 90° color picture tube was demonstrated. Following the demonstration members held an open discussion on color television which cited problems of the film producer and broadcaster and the relationship of these problems to the receiver manufacturer. Coffee and doughnuts were served at the social hour following the meeting.—W. D. Hedden, *Secretary-Treasurer*, Calvin Productions, Inc., 1105 Truman Rd., Kansas City 6, Mo.

The Chicago Section met on September 18 at the Knickerbocker Hotel with 25 members and guests in attendance. Dr. Paul Vittum, Research Dept., Eastman Kodak Co., was guest speaker. By utilizing slides and illustrations in his discussion of color photography, Dr. Vittum stripped chemistry of its highly technical mysteries and made an extremely interesting explanation of many of its basic applications in relation to various well known films and processes. He was particularly effective in achieving a fine balance between a technical and a popular presentation. While basically a technical discussion containing much direct information, at no time was the audience overwhelmed by the technical concept. After his presentation, Dr. Vittum answered questions from the floor. A social hour followed the program.—William D. Hedden, *Secretary-Treasurer*, c/o Calvin Productions, Inc., 1105 Truman Rd., Kansas City, Mo.

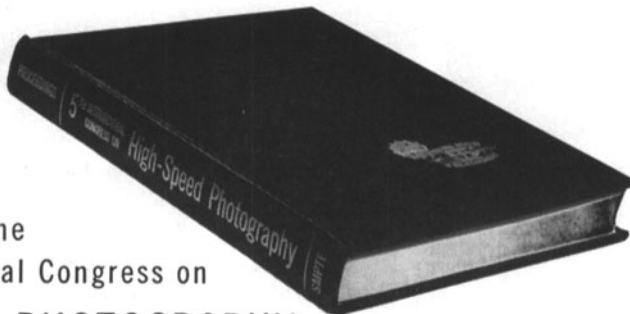
The Detroit Section met on April 24 with 57 members and guests attending the very successful dinner meeting. A paper, "Motion-Picture Camera Design and Selection," was presented by Jack Behrend, Behrend Cine Corp. A demonstration and presentation of the new Reflex Auto-collimator was made by Kenneth Richter, Richter Cine Equipment, Essex, N.Y.—J. W. Bostwick, *Secretary-Treasurer*, c/o General Motors, 465 W. Milwaukee, Detroit 2, Mich.

The May 24 meeting of the Detroit Section attracted 68 members and friends to the National Education TV and Radio Center, Ann Arbor, Mich. Howard W. Town, Technical Director at the Center, conducted a highly successful meeting by demonstrating the latest methods of video-tape duplicating, explaining the video-tape network of the NET Center, and officially "christening" the new installation by making ten copies of the program at the meeting.—James W. Bostwick, *Secretary-Treasurer*, c/o General Motors, 465 W. Milwaukee, Detroit 2, Mich.

The Huntsville Section held its June 19 meeting at the Pin Palace Lanes with an attendance of 52 members and guests. Guest speakers were Leo J. Krolak, RCA, and Arthur J. Miller, Tri Art Color Corp. They joined the Officers and Board Members at a premeeting dinner.

Mr. Krolak made a fine presentation on

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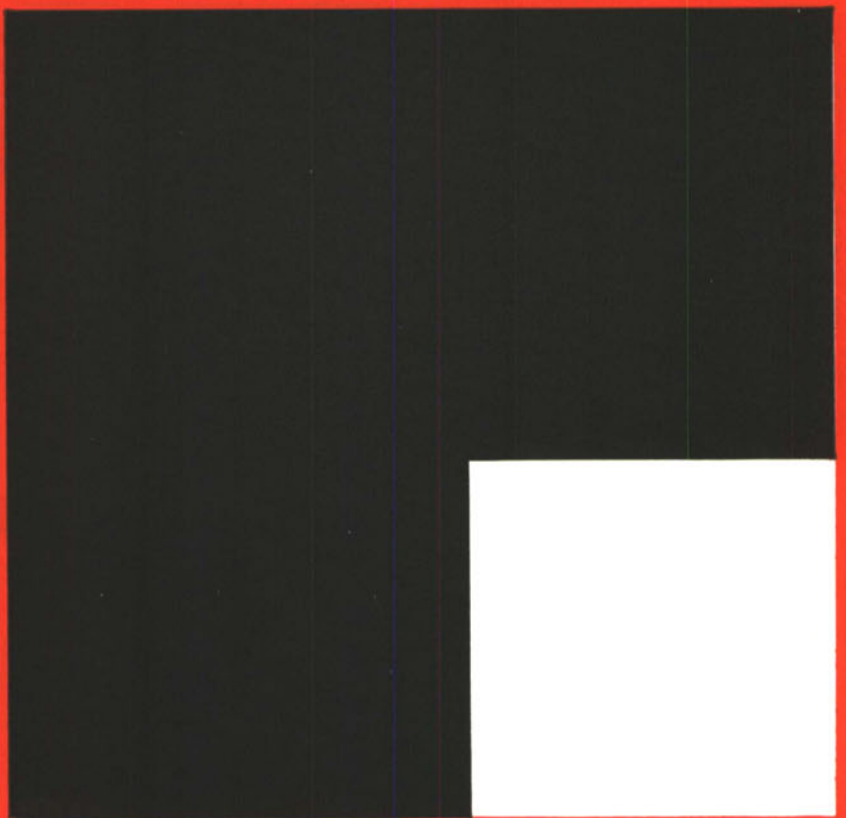
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"Fiber Optics in Electronics," explaining the principles of the technology of transmitting light images, element by element, from one point to another. He described the varied applications and advantages of fiber optics in television and other display systems. Color slides and pieces of fiber-optics equipment were used to illustrate his presentation.

Mr. Miller presented a companion paper on "Fiber Optics in the Motion-Picture Laboratory," ably demonstrating light-carrying characteristics and describing their application to motion-picture printers. Samples of fiber-optics equipment were displayed and a motion picture was shown which gave a comparison between conventional and fiber-optics printing.

A lively question-and-answer period followed the presentation and the fiber-optics equipment was available for examination.

Frederick G. White presented a report from the Nominations Committee giving a proposed slate of nominees for the election of 1963 Officers and Board Members. The date of the next meeting was set for September 18.—Karl LaRoche, Jr., *Secretary-Treasurer*, 600 Chambers Circle, N.E., Huntsville, Ala.

The Huntsville Section held its September 18 meeting at the Huntsville Community Center with an attendance of 51 members and guests. Guest speakers were Ethan M. Stifle and Edward M. Warnecke, Motion Picture Film Dept., East Coast Div., Eastman Kodak Co. The guests were

entertained by the Officers and Board Members with a premeeting dinner at the Kings Inn.

Mr. Stifle spoke on the development of a method for rapid processing of motion-picture film by the application of thin coatings of viscous chemical solutions. He described the new Viscomat processing machine developed by his company, using slides to illustrate the equipment.

Mr. Warnecke presented a talk on the new 16mm Kodak Reflex Special, a three lens turret camera with side-by-side supply and take-up. A Reflex Special on display was used to illustrate the talk.

Both papers brought a response of questions ably answered by the speakers.—Karl LaRoche, Jr., *Secretary-Treasurer*, 603 Chambers Circle, N.E., Huntsville, Ala.

The Nashville Section met May 26 at the studios of WLAC-TV in Nashville with 13 attending. Ralph Hucaby, Chief Engineer, WLAC-TV, presented a program on electronic editing of video-tape. Mr. Hucaby first discussed the requirements and theory of electronic editing, or, assembly of segments of program material. A playback of video tapes made in this manner followed. A tape from Ampex (manufacturers of the equipment used) and a tape assembled locally shortly before the program were demonstrated.

After a pause for coffee and pastries the group assembled in the video-recording room to watch or participate in the operation of a video-tape recorder while program

segments were being assembled or inserted.—Herschell R. Briscoe, Jr., *Secretary-Treasurer*, 403 Signal View, Chattanooga 5, Tenn.

The Nashville Section met on September 22 at the studios of TRAFCO (Television, Radio, and Film Commission of the Methodist Church) with an attendance of 16 members and guests.

The meeting opened with a showing of the NASA/General Dynamics color film, *Friendship Seven*. The film was interesting from a technical standpoint, as it was shot under very difficult conditions, as well as from that of subject matter, the orbital flight of Col. John Glenn. The screening was followed by a break for coffee and pastries, a courtesy of TRAFCO.

The main portion of the program consisted of a report by Tony Pilversak, TRAFCO, on his organization's use of front projection for both motion-picture and still backgrounds. Several different mirror materials were shown and the backgrounds obtained with each were demonstrated by black-and-white and color film clips. After the presentation some of the remaining problems in the process were discussed.—H. R. Briscoe, Jr., *Secretary-Treasurer*, 403 Signal View, Chattanooga 5, Tenn.

The New York Section met May 16 with 58 in attendance. The subject of the meeting was the slow-motion playback of television pictures; the speakers were John

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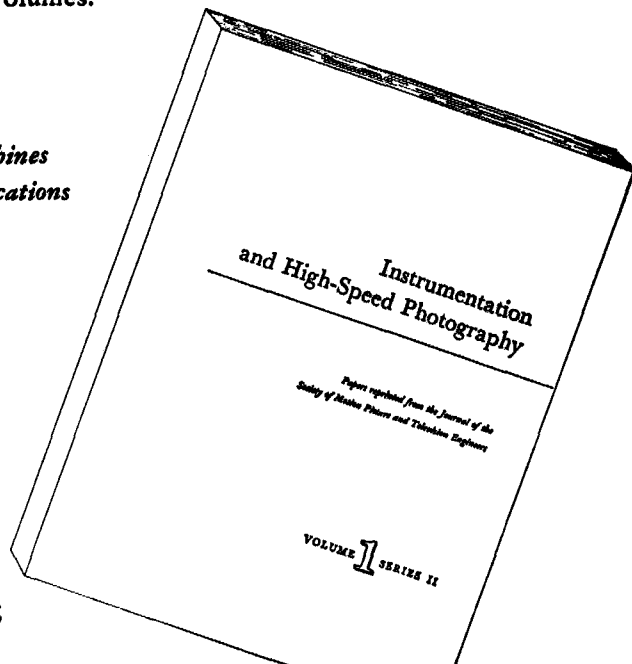
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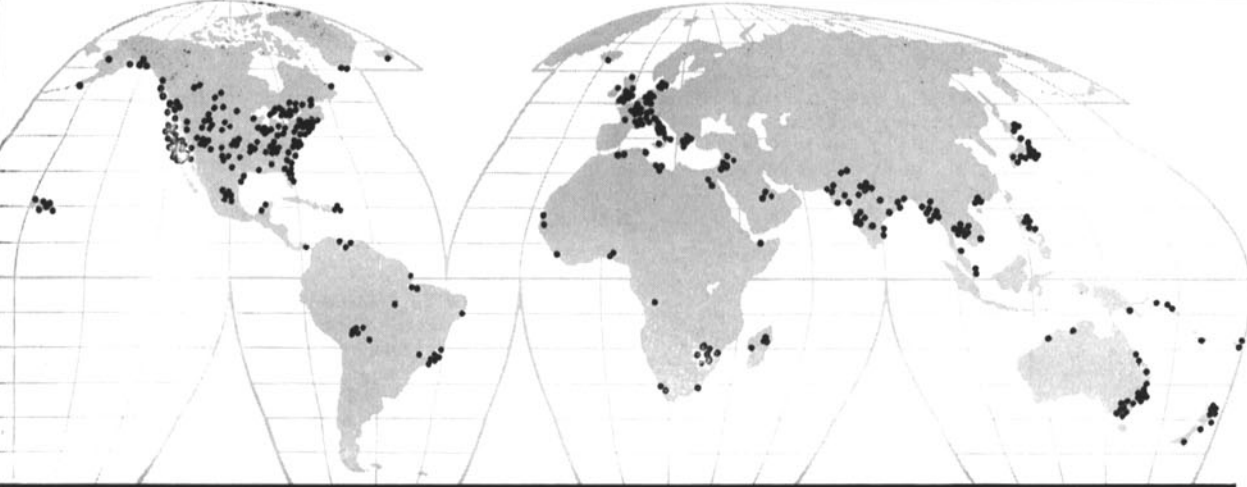
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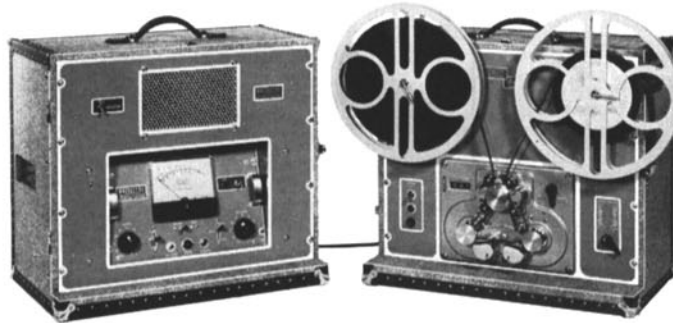


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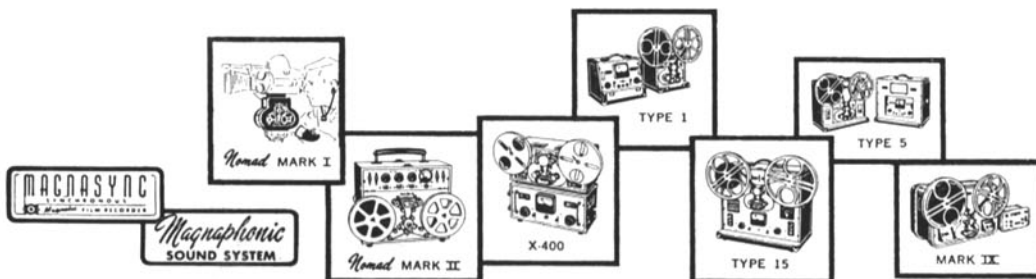
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Whittaker, CBS, and George Gordon, Eastman Kodak Co.

Mr. Whittaker described the purpose of slow-motion playback on television and outlined the procedure used by CBS to play back important football plays in slow motion during the halftime period. This was accomplished by a tie-up using a kinescope recording fed into a Viscomat processor and played back at slow speed on an Eastman continuous projector.

Mr. Gordon gave a detailed description of the Viscomat processor and Eastman continuous projector, using slides to illustrate his discussion. Mr. Whittaker then illustrated the effect of the slow-motion television playback by means of a kine-

scope of a motion-picture scene shown forward and backward at speeds varying from 4 pictures/sec to normal. An interesting discussion period followed.—Arthur J. Miller, *Secretary-Treasurer*, c/o Du Art Film Laboratories, 245 West 55 St., New York 19.

The New York Section held the last meeting of its spring series on June 13 with 50 attending. H. E. Weppler, American Telephone and Telegraph Co., presented an illustrated talk on the use of satellites for relaying TV shows and other electronic signals over greater distances than were heretofore possible, especially for intercontinental transmission. Project Telstar,

sponsored by the Bell System, was described and the talk was well illustrated by the use of slides. Following a short intermission for refreshments, an interesting discussion period was held.—Arthur J. Miller, *Secretary-Treasurer*, c/o Du Art Film Laboratories Inc., 245 West 55 St., New York 19.

The New York Section opened its fall and winter series of meetings on September 12 with a near capacity audience of 123. The subject of the meeting was Control Techniques in Film Processing, with each speaker presenting a different phase of the subject.

Harry Knop, E. I. du Pont de Nemours & Co., discussed control equipment, including sensitometers and densitometers, and their use in the film processing laboratory. He also discussed standard processes and limit controls, including the control required in making master positives and duplicate negatives, as set up in a representative laboratory. Nick Ferrara, Du Art Film Laboratories, Inc., then discussed various types of printing machines used in motion-picture laboratories and routine methods of their control and testing. John Kowalak, Movielab, Inc., discussed processing machines and chemistry and methods of chemical and sensitometric control of the processing stage.

A spirited question-and-answer period was held with all three speakers answering various questions from the floor. A social period at which coffee and refreshments were served followed adjournment of the business portion of the meeting.—Arthur J. Miller, *Secretary-Treasurer*, c/o Du Art Film Labs, 245 West 55th St., New York 19.

The Rochester Institute of Technology Student Chapter has reported four successful meetings of the Chapter during 1962. The last of these, held on May 24, was a joint meeting with the Rochester SMPTE Section, and is reported separately below.

The other Chapter meetings have been: January 25, at RIT, when an attendance of 75 persons heard A. L. Sorem, Eastman Kodak Co., speak on "Aerial Photography With Current Applications;" February 22, at RIT, when William Fujimura, Bausch & Lomb Optical Co., gave a paper on "Practical Considerations in the Design of a Lens System" to an audience of 30; and April 2, at RIT, when Fred Emens, Wollensak Optical Co., spoke to an audience of 40 on "High-Speed Photography." —John Hussler, *Secretary-Treasurer*, RIT Student Chapter, 65 Plymouth Ave. South, Rochester 8, N.Y.

The Rochester Chapter met on May 24 to hear the annual presentation of prize-winning technical papers by members of the Rochester Institute of Technology Student Chapter. Papers presented were: (1st Place) "A Mechanism for Achieving Rapid Access Color Images," by Paul F. Bourque and Stephen F. Langer; (2nd Place) "Modification of the Morse Aerial Film Processor to Reduce Processing Variability," by Robin M. Lambert; (3rd Place) "Psychometric Analysis of Radiographic Contrast," by Anthony J. Prechnik.



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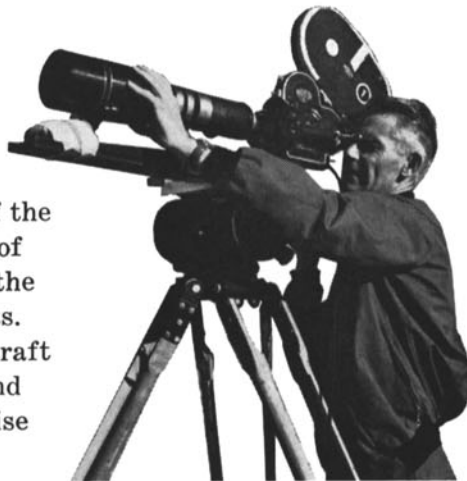
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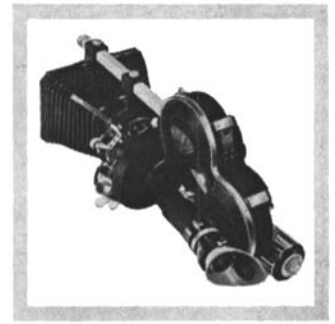
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The meeting was attended by Garland Misener, Sections Vice-President, who said a few words to the group. Forrest Richey, Eastman Kodak Co., described the method of judging and commended all entries for the general excellence of the papers. J. D. Hayes, Bausch & Lomb, represented the judging committee at the session. Introductions were made by D. A. Gaffrey, RIT Chapter President, and awards were presented by Dr. Henry Yutzy, Vice-President, Eastman Kodak Co.

The lower than usual attendance of 47 was attributed to a conflict with the RIT banquet which decreased student attendance.—Harold H. Schroeder, Jr., Secretary-Treasurer, 87 Eastwood Trail, Rochester 9.

The San Francisco Section met on June 12 with 35 in attendance. John Wancer, Eastman Kodak Co., described two new products. The first was a color negative film Type 5251 designed to replace Type 5250. The new film has lower granularity and better color-reproduction characteristics. The second was a color print film Type 5385 (35mm) and Type 7385 (16mm) designed to replace Types 5382 and 7383 respectively. The new film has approximately 4 times the effective speed of the present stock with no sacrifice of granularity and a slight improvement in color reproduction. A 35mm projection demonstration showed these qualities quite vividly in A-B shots of a variety of subjects. Harry N. Jacobs, Secretary-Treasurer, 333 Buena Vista, Mill Valley, Calif.

The San Francisco Section met on August 14 with 40 members and guests in attendance. James F. Butterfield, President, Stereotronics Corp., Los Angeles, gave a brief history of methods used to apply stereo to TV, referring to both optical and electronic systems. A demonstration system using a conventional industrial TV camera chain with the optical system directly attached, in place of a "C" mount lens, was shown. The resultant picture was exhibited on a standard 8-in. monitor with the added optics mounted on its face. An additional demonstration using two color filters showed the great possibilities of color transmission through the use of this system, particularly for commercial/industrial applications where depth perception is important.—Harry N. Jacobs, Secretary-Treasurer, 333 Buena Vista, Mill Valley, Calif.

The San Francisco Section meeting of September 11 was attended by 88 members and guests. Kurt Machein, President, Mach-Tronics, presented his new portable video-tape recorder designed to fill the needs for industrial and educational TV transmission. Mr. Machein demonstrated the recording and playback of standard composite video signals. The all-solid-state device weighs less than 100 lb and is truly portable. The machine uses standard 1-in. instrumentation tape, helical scan and a tape speed of 7½ in./sec to produce a TV picture of exceptional quality. An enthusiastic discussion followed the demonstration.—Harry N. Jacobs, Secretary-Treasurer, 333 Buena Vista, Mill Valley, Calif.

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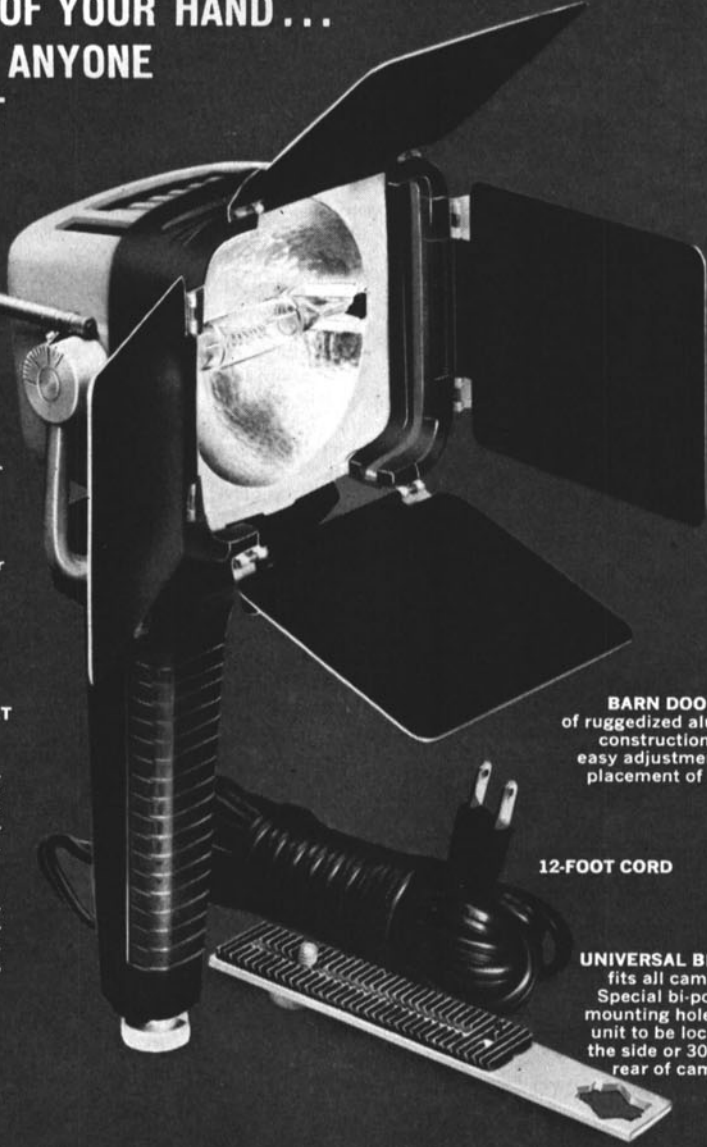
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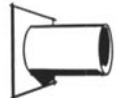
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