

Membership Committee

The activity of SMPTE Membership Committees is sporadic, according to 1958 National Membership Chairman Edward Warnecke. In a recent report to the Board of Governors, Warnecke indicated that some Sections are rapidly acquiring new members through the efforts of dedicated membership chairmen and their aides, while other Sections are not making comparable progress.

Cited by Warnecke as one of the hardest working membership chairmen was Harry J. Lehman, President-Producer, Cine-Tele Productions, Hollywood, whose efforts

have added 82 new members to the roster of the Hollywood Section. Mr. Lehman even acquired a new applicant from Alaska on the very same day that Alaska was declared officially the 49th State of the Union.

Others whom Warnecke cited for their outstanding work on Membership Committees are:

Jerome C. Diebold, Exec. Producer, Wilding Picture Productions, Chicago, who brought 29 new members into the Chicago Section.

Alan C. Macauley of S.O.S. Cinema Supply, Hollywood, whose efforts resulted in 21 new members for Hollywood.

Norman Berger, Moviela Color Corp., New York, who brought 20 new members into the New York Section.

Joseph T. Dougherty, E. I. du Pont de Nemours, New York, 17 new members for the New York Section.

Harry N. Jacobs, American Broadcasting Co., 16 new members for the San Francisco Section.

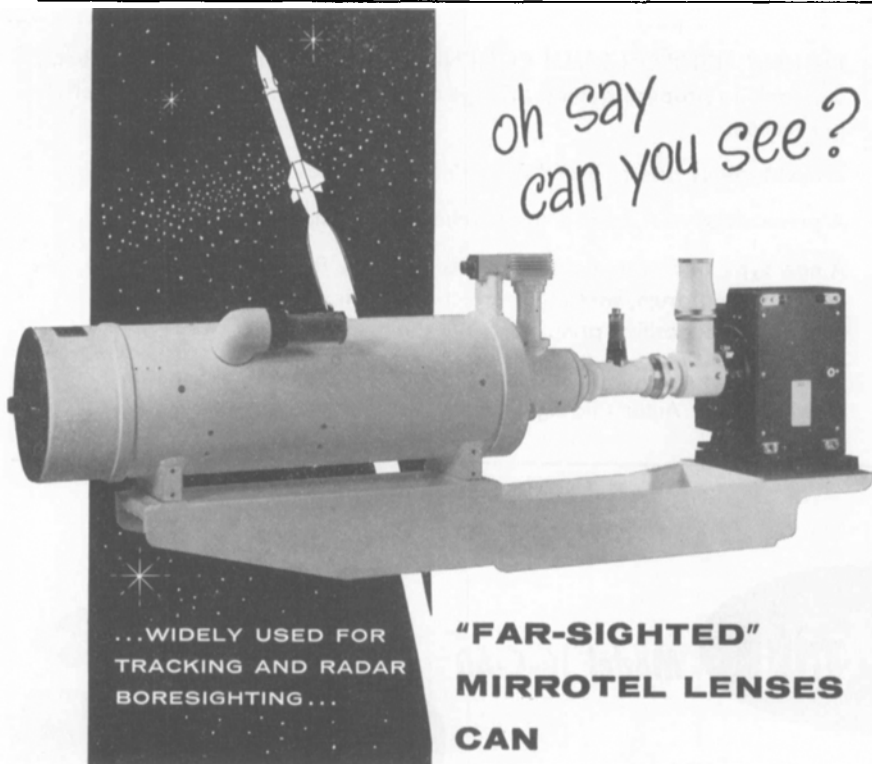
Donald W. Dixon, Canadian Kodak Co., Scarborough, Ontario, 12 members for the Canadian Section.

John W. DuVall, E. I. du Pont de Nemours, Hollywood, 7 new foreign members.

The Nashville Section, just established last year, was cited for its outstanding work, and a great deal of activity is expected from that Section this year.

The new Boston Section, established in February, is also expected to grow rapidly.

Increased interest in educational television and motion pictures, electronics and high-speed photography is expected to enlarge possibilities for expanded membership in all Section areas this year, according to Kenneth M. Mason, Eastman Kodak Co., Chicago, who is this year's National Membership Chairman.



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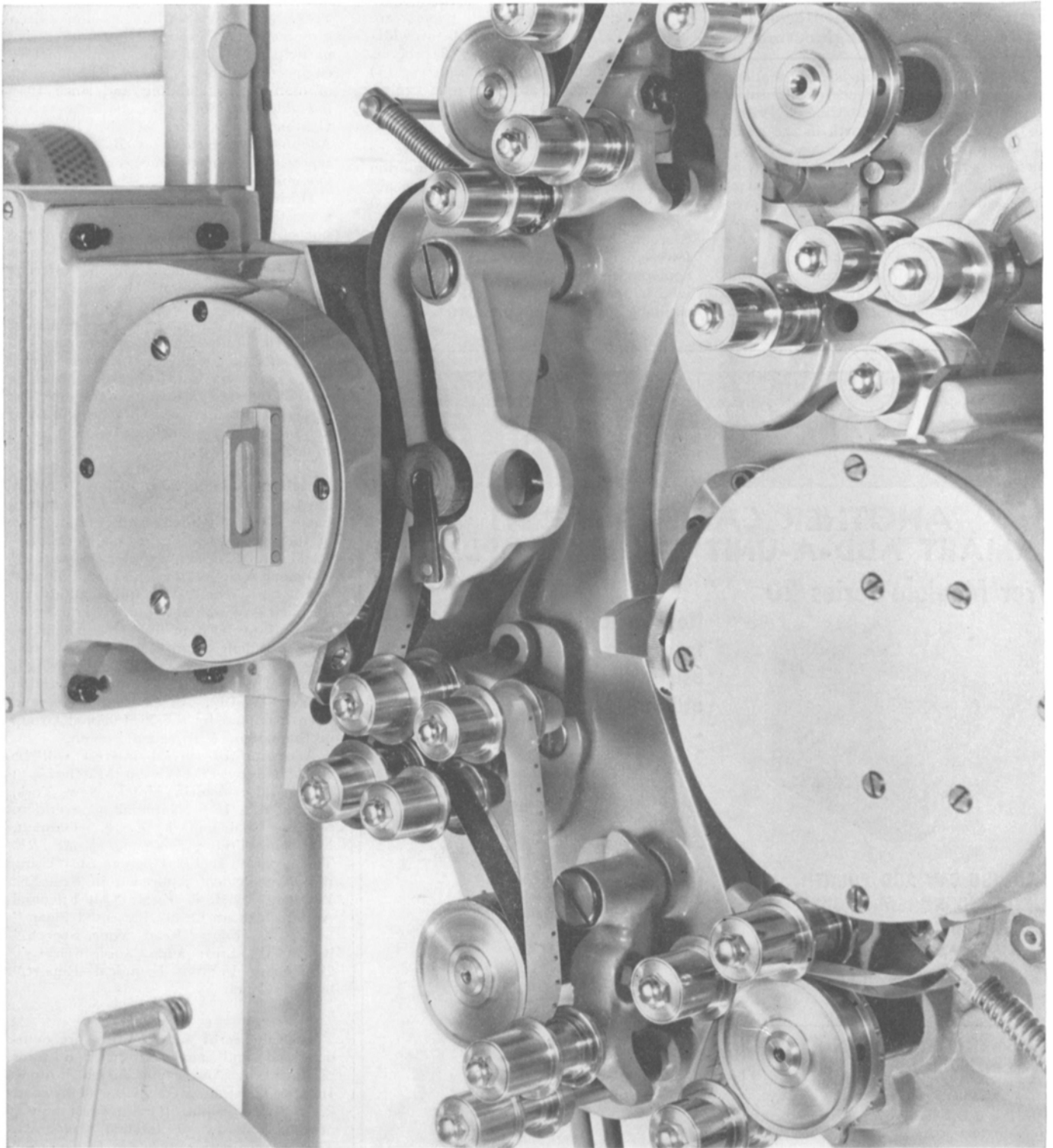
Association of Cinema Laboratories

Cinema Laboratories 1959, a 60-page directory of motion-picture laboratories throughout the world, is published by the Association of Cinema Laboratories. The directory lists names and addresses of 248 laboratories, together with the services offered. The listing includes 113 laboratories in 33 foreign countries, and 135 laboratories in the United States, including one in Puerto Rico. Information contained in the directory is that received from a questionnaire which was sent to more than 500 organizations. Members of the Committee responsible for preparation and publication were George W. Colburn, *Chairman*, James Wassell, Kern Moyses and Kenneth Mason.

At its annual meeting, February 12, in New York City, the Association elected the following officers: President, *George W. Colburn* of Geo. W. Colburn Laboratory, Inc.; Vice-President, *G. Carleton Hunt* of General Film Laboratories Corp.; Secretary, *Dudley Spruill* of Byron Inc.; Treasurer, *Kern Moyses* of Peerless Film Processing Corp.

New ACL Directors are: James A. Barker, Capital Film Laboratories, Inc.; Robert F. Burns, Houston Color Film Labs, Inc.; Spencer W. Caldwell, S. W. Caldwell Ltd.; Louis Feldman, Du Art Film Laboratories, Inc.; Reid H. Ray, Reid H. Ray Film Industries, Inc.; Byron Roudabush, Byron, Inc.; Leon Shelly, Shelly Films Ltd.; William H. Smith, Lakeside Laboratory; Sidney P. Solow, Consolidated Film Industries; and Floyd Weber, Mecca Film Laboratories, Inc.

Single copies of *Cinema Laboratories 1959* cost \$1.00. Large-lot prices and information about the Association are also available from the ACL Secretary, *Dudley Spruill*, c/o Byron, Inc., 1226 Wisconsin Ave., N.W., Washington 7, D. C.



Now available: higher fidelity sound tracks, more light for color printing. The newly improved Design 6190 Bell & Howell sound head is a vast improvement over all existing types. It delivers higher fidelity sound tracks and provides more available light for color printing. And because it makes possible single-pass printing, it steps up your output while reducing costs. Installation is simple on any 16mm Bell & Howell printer. Also available in a new 35mm version—the Design 6210. Write Professional Equipment Division, 7185 McCormick Road, Chicago, Ill. ► **Bell & Howell**

Fourth International Conference on Motion-Picture Engineering

The professional organization of motion-picture engineers in France (Commission Supérieure Technique du Cinéma Français) is sponsoring the fourth in the series of international conferences on motion-picture engineering which have been held in Europe since 1954. This year's conference will be held June 10-12, in Paris. Previous conferences in the series took place in Paris in 1954, Rome in 1955, and Warsaw in 1957.

The general theme of the conference will be the orientation and future of theatrical motion pictures, and there will be five main

topics for which technical papers are invited: (1) new developments in wide-screen and wide-film processes; (2) progress and developments in light sources; (3) sound systems; (4) automation in projection systems; and (5) theater design and construction.

Secretarial services for the conference are being supplied by the Commission Supérieure Technique du Cinéma Français, 92 Champs-Élysées, Paris 8^e, and detailed information can be obtained from the Secretary, Jean Vivié, at that office. A few copies of the advance program of the conference, with application forms for those who wish to submit technical papers, are available at SMPTE headquarters in New

York. Mr. Vivié, who has long been prominent in France as a most active participant in professional motion-picture engineering affairs, is an SMPTE member of many years standing and since 1957 has aided the Society as chairman of the Continental Division of the European Advisory Committee as well as being the representative for France on the Papers Committee.

During the conference it is planned that a meeting will be held for further discussion of the organization and bylaws of the International Union of Motion-Picture Engineering Societies (Union Internationale des Associations Techniques Cinématographiques — UNIATEC) which was established at the Warsaw conference in 1957. In addition to delegates from the Societies that are already members of this body, observers from other organizations will be invited to participate in this meeting, and it is probable that SMPTE will have some observers present.

Membership in IRE Professional Groups has been facilitated for SMPTE members under a recently announced Affiliate Plan of the Institute of Radio Engineers. According to this plan, members of selected technical societies may become affiliated with, and receive the publications of, specified Professional Groups without being required to become full IRE members, upon payment of professional group dues plus \$4.50. Open to SMPTE members is the Professional Group on Information Theory (PGIT). An invitation has also been extended by the Professional Group on Engineering Writing and Speech.

A session of special interest will be conducted by PGEWS on March 23 at the Waldorf-Astoria Hotel, New York, during the IRE National Convention. Session Chairman is E. K. Gannett, Managing Editor, *Proceedings of the IRE*. The program includes papers on "Using the Psychological Approach in Scientific Writing," by J. L. Kent; "An Effectual Approach to an Orally Presented Paper," by I. J. Fong; "Read Your Speech," by E. W. Still; and "Subjectivity vs. Objectivity in the Technical Report," by S. A. Cohen.

Techniques of film editing are demonstrated and analyzed in two films produced by American Cinema Editors, Inc., 6772 Hollywood Blvd., Hollywood 28. A series of films on editing techniques, of which these two are the first, is planned. The organization, which was formed "for the purpose of maintaining and improving the technique of film editing, also to promote a greater knowledge and appreciation of motion pictures in general and film editing in particular," has arranged for purchase of these films on a non-profit basis for educational purposes.

The first film, *Basic Principles of Film Editing*, runs for about 8 min. It is of general interest and shows a dramatic scene without editing and then shows how editing enhances the scene's dramatic values. It is priced at \$25.00 plus postage. The second film, *Values and Interpretations*, which runs about 30 min, shows all the scenes of various angles as shot for a



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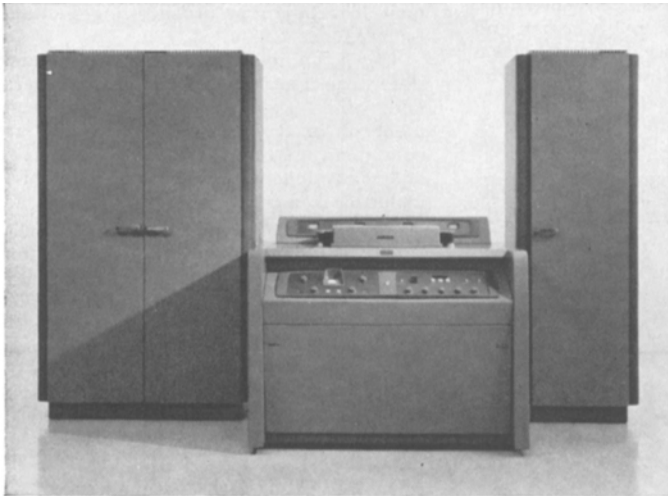


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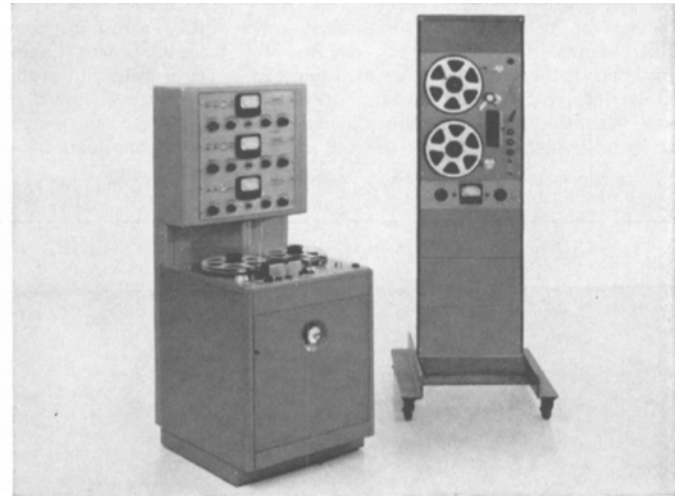
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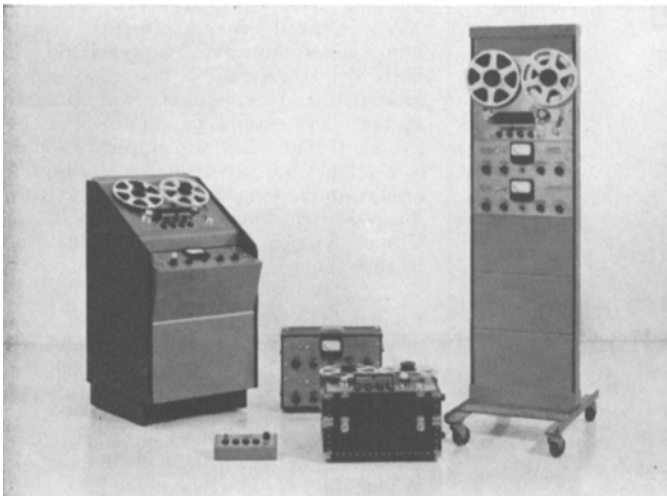
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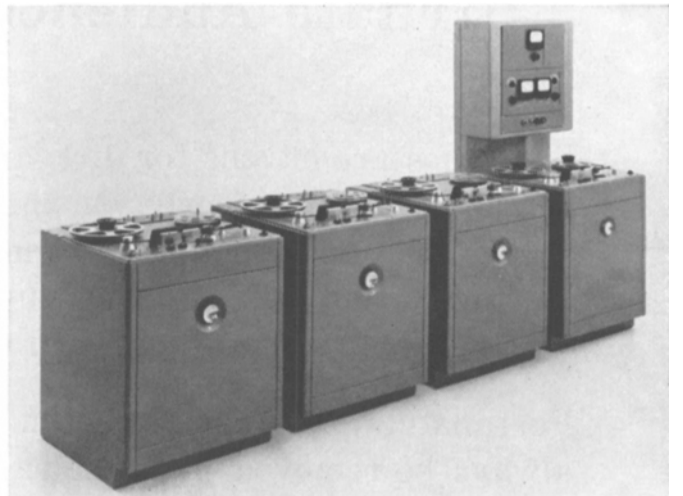
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dramatic sequence, and then shows three interpretations by different editors of how the sequence should be edited. It is priced at \$55.00 plus postage. The films may not be rented but may be previewed for possible purchase upon payment of one-way postage. Showing of the films for admission charge or profit is prohibited.

A 20-session course in Sensitometry has been offered by the Dept. of Photographic Arts, Ryerson Institute of Technology, 50 Gould St., Toronto 2, Ont., as part of its Extension School Program. Enrollment in the course, which was initiated in the Fall of 1958, was originally limited to 40, but an enrollment of 59 was permitted by the Institute because of the unexpectedly large number of applicants. Even with the extended enrollment,

a number of applicants were refused. The instructor is Leslie H. Holmes, a member of the Institute's regular teaching staff. He also teaches Commercial Photography, Photographic Chemistry and Motion-Picture Photography.

Millimeter Waves is the subject of the Ninth International Symposium of the Polytechnic Institute of Brooklyn, Microwave Research Institute, to be held March 31-April 2 in New York under the co-sponsorship of the Air Office of Scientific Research, U.S. Army Signal Research and Development Laboratory, Office of Naval Research, and the Institute of Radio Engineers. The Symposium is intended to highlight the present state of research in, and applications of, millimeter wave technology.

The Motion Picture Research Council has installed a closed-circuit television system as part of a broad new research program to study the technical aspects of TV film production and transmission. The installation will be used to study and analyze such technical factors as the effects of lighting, photography, set construction, costuming and sound as they appear on black-and-white and color home receivers; and to investigate print density, contrast range, color balance, print standardization and associated problems in relation to broadcasting motion-picture films.

The setup includes 35mm, 16mm and slide projectors, a 3-vidicon color camera and other signal-processing equipment identical in design and performance to equipment used by the major TV networks and many independent broadcasters. Also included is a viewing room designed to typify viewing conditions in the average American home.

One of the main objectives of the program is to develop calibrating procedures and a test film which will facilitate production of uniform prints and thus reduce the need for attempts at quality control at the stations. Demonstrations of the system are being conducted for personnel of member companies.

Pictures Teach at Penfield, a film produced by Eastman Kodak Co., has been made to illustrate the role of audio-visual materials in elementary and secondary education by dramatizing the teaching methods used at the Penfield, N.Y., Central School District, where films, slides and film strips are integral parts of the curriculum. The story centers around the reactions of two students, brother and sister, to audio-visual instruction. The film, which runs 19 min, is available on free loan for showing to groups interested in education. A print may be scheduled by writing Audio-Visual Service, Eastman Kodak Co., Rochester 4, N.Y.

English for Foreigners is a television program produced by Wayne University in Detroit. It is designed to teach English to the large foreign-born Detroit population, using specially constructed audio-visual aids. These programs are broadcast from ETV station WTVS on Monday and Wednesday of each week at 7:30 P.M.

The Committee on International Nontheatrical Events (CINE) has selected films in the categories of Industrial Relations, Advertising, Public Relations and Sales to represent the United States at the Festival of Films in the Service of Industry at Harrogate, England, April 21-24. The films are: *Speaking of Words*, sponsored by Pan American World Airways, produced by Henry Strauss & Co., New York; *Silk*, sponsored by the International Silk Assn. (U.S.A.) Inc., produced by Riviera Productions, Los Angeles; *The Hope That Jack Built*, sponsored by National Assn. of Investment Companies, produced by Robert Lawrence Productions, New York; *The Production of USS Steel Sheets*, sponsored by United States Steel Corp., produced by Jam Handy Organi-

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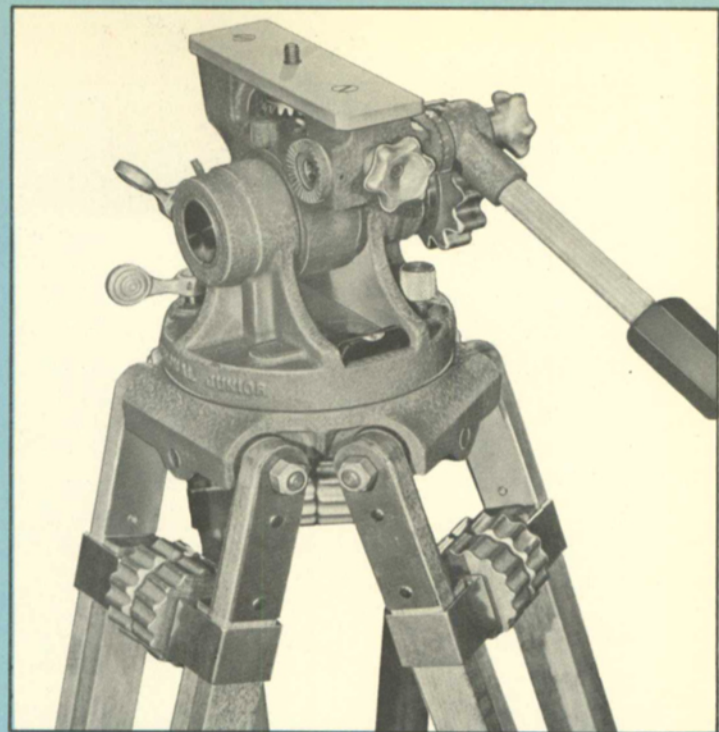
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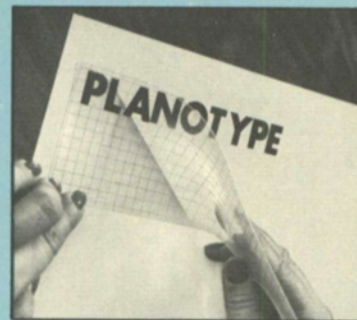
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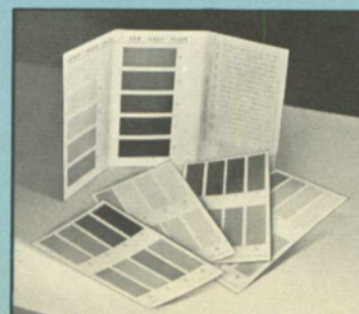
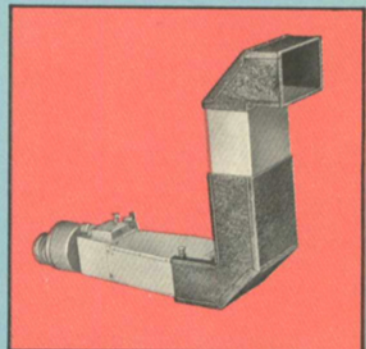


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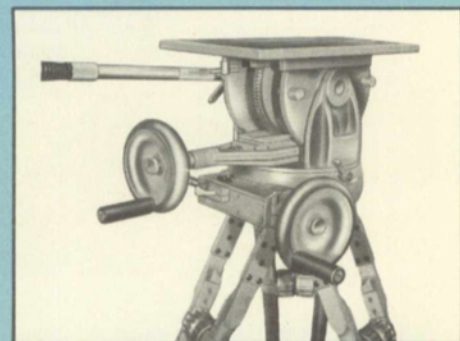
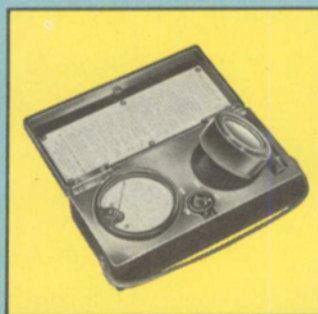
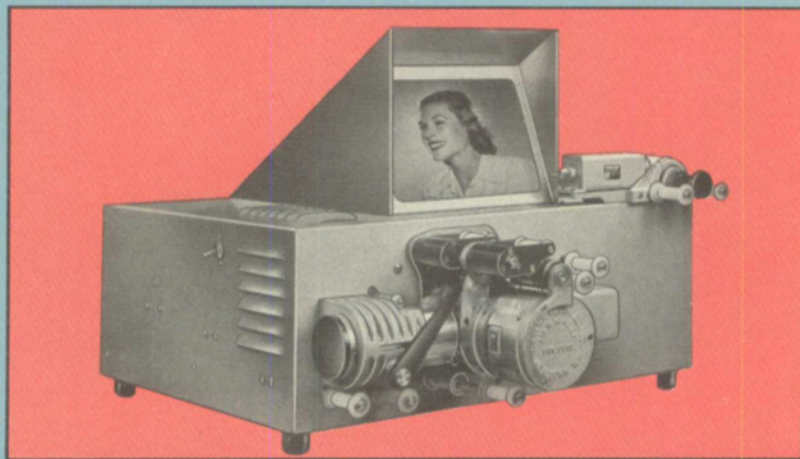
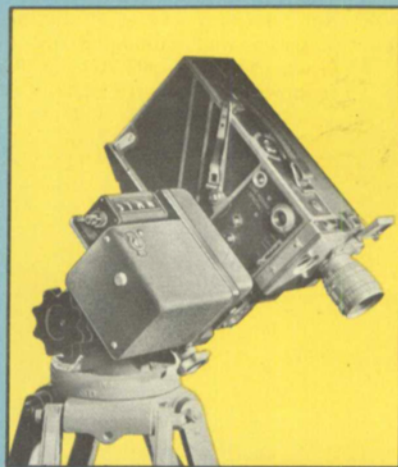
CECO 110 Volt AC DC Variable Speed Motor for Mitchell 35mm Camera

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110 volt AC synchronous operation. One-half second exposure. Run forward and reverse. Equipped with frame counter. Easily mounted on camera, needs no special tools. Stop motion motors available for most other cameras.



CECO 2-Speed Geared Head for BNC or Raby Blimp

Offers slow or fast pan and tilt. Provides extreme tilts. Super-smooth action, rugged construction. Accepts silent cameras with accessory bridge plate.

zation, Detroit. *The Mayflower Story*, sponsored by Aero Mayflower Transit Co., produced by Paul Alley Productions, New York, will be sent as an "extra" as a symbol of British-American friendship.

Preliminary selection of films for the Harrogate Festival was handled by CINE's Business and Industry Subcommittee under the chairmanship of John Flory, Advisor on Nontheatrical Films for Eastman Kodak Co., assisted by Thomas W. Hope, Assistant Advisor.

Art in Film, an exhibition of the work of artists in the production of motion pictures, will be shown at Cooper Union Museum, Cooper Square, New York 3, Apr. 15-May 15. The exhibition was prepared and circulated by the Long Beach Museum of Art in California. It shows the work of designers and craftsmen in the studios of Metro-Goldwyn-Mayer, 20th Century-Fox and U.P.A. Pictures. Included in the exhibit are sketches for make-up and for individual scenes, original models of sets, costume designs, and other examples of artists' work. Collections of designs from a number of current motion pictures are included.

Space Talk, a 19-page booklet published by Republic Aviation Corp., Farmingdale, L.I., N.Y., contains definitions for 133 words and phrases used by astronomical scientists and engineers. Compound words (magnetohydrodynamics), scientific terms (parsec), and a few slang terms (auntie, meaning antimissile missile) are included. In the foreword, "Lets Get on the Moon Beam," William J. O'Donnell, Chief Engineer of Republic's Aircrafts and Missile Development, states, "If (the booklet) does nothing more than aid you in a better understanding of the news reports on missile, rocket and space activities, it will have served its purpose." The booklet is available without charge.

Walter J. Albersheim, formerly of Bell Telephone Laboratories, has joined the staff of Spencer-Kennedy Laboratories Inc., 1320 Soldiers Field Rd., Boston 35, Mass. As Chief Engineer, Dr. Albersheim will head engineering and development work, both in the instrument division and in the closed circuit and community antenna division. Co-author with Donald MacKenzie of the Society's Journal Award paper, "Analysis of Sound-Film Drives," (*Journal*, 37: 452-479, Nov. 1941), Dr. Albersheim has published several other papers in the *Journal*. In addition to his Society membership, he is a member of the New York Academy of Sciences and a Fellow of the Institute of Radio Engineers.

Robert D. Shoberg has joined the staff of Beckman & Whitley Inc. as Camera Product-Line Manager and will have charge of the Dynafax Camera and the Magnifax Camera. Prior to his present appointment he was Sales Manager for Fairchild Data Devices. A member of the Society, he has been active on the High-Speed Photography Committee.

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Pontcanna Studios, situated in the midst of a wooded parkland about half a mile from the center of Cardiff, Wales, were designed to provide a natural, outdoor setting for filming live TV shows. Certain limiting factors, among the foremost the unpredictable climate of Great Britain, presented problems to which ingenious solutions were found. Constructed by

TWW, Limited, Independent Television contractors for South Wales and the West of England, the outdoor stage of the studios was opened Aug. 16.

The preservation of a natural "woody" environment required an elaborate system of drainage and cable ducting. Six-inch fiber waterproofed ducting was used throughout the 300-ft ducting runs. Out-

let boxes for sound and vision connections were disguised as garden seats and ornaments. In filming the first production, four Marconi Mark 3, 4½-in. image-orthicon cameras were used, one fitted with a Watson zoom lens (focal length 3 in. to 15 in.) mounted on a 20-ft platform. Other cameras used long focus-type lenses. Hidden microphones were employed throughout the working area, supplemented by bamboo pole booms for special close-ups. Sound cables were laid in a separate ducting system, and hum level was measured at better than -120 db unweighted, referred to 1 mw in 600 ohms over the whole of the 300-ft run.

Closed-Circuit TV Installations in Educational Institutions

Closed-circuit television was used in classroom instruction in 119 educational institutions during 1958 and a total of 133 systems had been installed, according to a survey conducted by the Joint Council on Educational Television, 1785 Massachusetts Ave., N.W., Washington 6, D.C. The report contains tables which summarize replies to a questionnaire sent early in 1958 to accredited institutions of higher learning and to secondary and elementary schools with closed-circuit installations. Class instruction over these systems ranges from first grade through college post graduate. It is noted that some of the equipment is used for instruction in television rather than instruction by television. Closed-circuit TV is also used for instruction and training purposes at 21 military installations.

The report lists the school, college or university, the office or department responsible for TV operation; the originating points (studios, classrooms, laboratories); kind of equipment (orthicon, vidicon, film or slide chains); reception points (classrooms, laboratories); subjects taught, both the courses taught by closed-circuit and the courses in television. Other educational uses of television also are reported. Copies of the report are priced at 30 cents when several copies are ordered, but single copies are available without charge upon request to the Council.

SMPTE Test Films

Test films planned by the Society's technical committees and produced under the Society's exact supervision are available from the headquarters office at 55 West 42 St., New York 36. Catalogs containing brief descriptions of each film are obtainable on request.

Films are available in the following categories:

- Television—Picture Only, Color or Black-and-White
- CinemaScope
- Visual 35mm—Picture Only
- Magnetic—16mm Sound Only
- Picture and Sound—16mm
- Picture Only—16mm
- Glass Slide—36mm



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