

ceding the SMPTE Convention. There will be a breakfast meeting of the Board of Directors, followed by a general meeting of the members in the morning. After lunch, the usual Equipment and Techniques Forum, at which manufacturers of lab equipment will give brief talks on new developments in their field, will occupy

the afternoon. SMPTE members are welcome to attend this session.

A reception and dinner will round out the day. One of the highlights of the occasion will be the presentation by *Industrial Photography* of its fifth annual industrial film awards.

## Best Display Award Goes to Sylvania



Sylvania Electric Products, Inc., Photolamp Division, was the winner of the SMPTE's Best Display Award for its attractive and effective booth display at the 93rd Convention Equipment Exhibit at Atlantic City. Above, left, Edward A. Gilchrist, Marketing Manager, Pro-

fessional Products, and Robert L. Kleinfeld, Vice-President, Photolamp Division, receive the Award plaque from Arthur J. Miller, Arrangements Chairman for the 93rd Convention, and Chairman of the SMPTE New York Section.

Sylvania's presentation featured the new Sun Gun professional photo light and the Sylvac system for continuous control of light output and color temperature. Although the display was not a large one, it was singled out by the Exhibit Award Committee for the care and imagination that had been devoted to presenting the technical aspects of these products to Convention registrants.

This was the third occasion on which the Exhibit Award has been presented. Instituted at the 91st Convention in Los Angeles in the spring of 1962, the Award is designed to give recognition to the efforts of exhibitors to present their material attractively and with maximum effectiveness. The first Award, at the Los Angeles Convention, was made to EMI/US Ltd. for its 40-ft display of color TV cameras in operation. The second, at the 92nd Convention in Chicago, went to the Bell & Howell Co., Professional Equipment Division, for a display built around its new additive color printer.

## Education, Industry News

**The Society of Photographic Scientists and Engineers** is sponsoring a Symposium on Color Photographic Systems to be held October 17-19 at the Marriott Twin Bridges Motor Hotel, Washington, D.C. The meeting will be concerned with all phases of photographic color processes with special emphasis on interdependence of materials, processes and equipment used. In addition to a full program of technical papers there will be an exhibit of new equipments and systems. Symposium Chairman is Howard C. Colton, Eastman Kodak Co., 343 State St., Rochester 4, N.Y.

**The 7th International Congress on High-Speed Photography** will be organized by the Physical Society of Austria and will be held in Vienna during the latter part of September, 1964, according to information received from U.S.A. Delegate Max Beard, 10703 E. Nolcrest Dr., Silver Spring, Md. Mr. Beard also announced that an extensive exhibit will be held. As announced in the April, 1963, issue of the *Journal* (p. 330) Congress Chairman is Prof. Dr. Othmar Helwich, Hoffmanstrasse 59, Darmstadt, Germany.

**The Third International Film Festival** to be held July 7-21 in Moscow will be par-

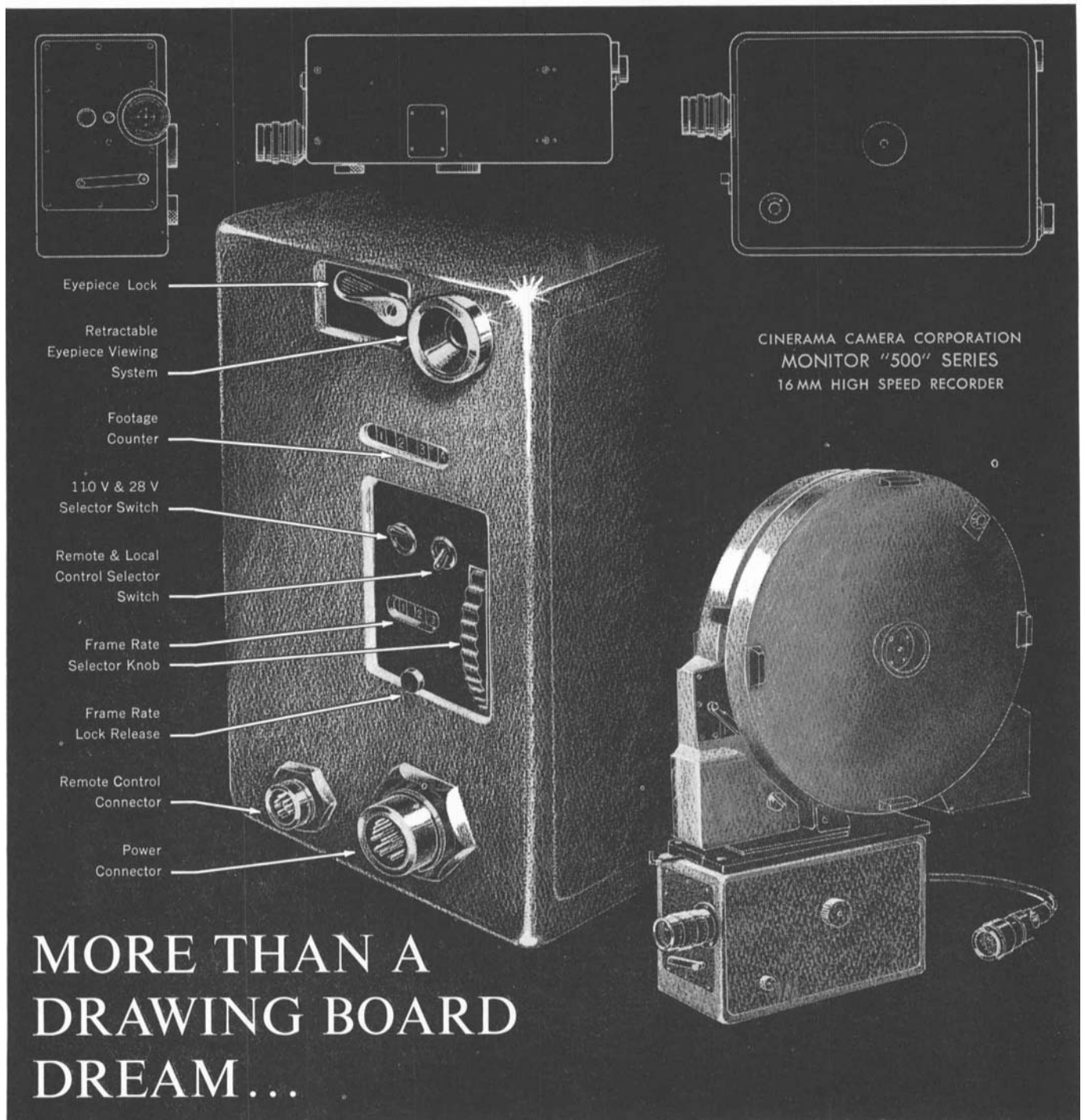
ticipated in officially by the United States. George Stevens, Jr., Director of the Motion Picture Service of the U.S. Information Agency, has been nominated to serve as Chairman of the United States Delegation. *The Great Escape*, produced and directed by John Sturges for the Mirisch Company, has been selected as the official U.S. film to be entered in competition. A number of other American films will be shown as special out-of-competition screenings.

**The XIV International Exhibition of Documentary Films** was held in Venice, Italy, July 10-20 as part of the Venice Film Festival. Thirty-two U.S. short subject and nontheatrical motion pictures were submitted by the Committee on International Nontheatrical Events (CINE). Documentary films in various categories included: Geographical, Ethnographical and Folklore, *Portrait of Mexico*, by the University of Arizona, Tucson, and *The Day Shadow Mountain Died*, by Producers Corp. of America, Beverly Hills, Calif.; Sports and Tourist, *Que Puerto Rico*, by Tibor Hirsch, New York, and *Surf*, by Homer Groening for Jantzen, Inc., both of Portland, Ohio; Technical and Scientific Information and Divulgateion, *Steel by Stopwatch*, by Julius Potocnsy for Jones & Laughlin Steel Corp., both of Cleveland, Ohio, and *The Cattle Feeders* by Iowa State University, Ames; Cultural and Educational Films, *St. John's College*, by Fordel Films, New York, and

*Cleveland Institute of Art*, by Edward Feil Productions, of Cleveland, Ohio; *Contemporary Life and Social Documentation, 111th Street*, by University of California, Los Angeles, and *Growing Up With Deafness*, by Campus Film Productions, Inc. for the Lexington School of the Deaf, both of New York; Newsreels, *Polaris: Journey of Undersea Voyage*, by Louis J. Hazam, Washington, D.C.

**Developing Human Resources for Educational Television** is a 46-page report covering professional training and experience of more than 3,000 persons now directly involved in educational television. The report, submitted by the National Association of Educational Broadcasters, 1346 Connecticut Ave., N.W., Washington 6, D.C., to the Office of Education, U.S. Dept. of Health, Education and Welfare, has been sent to colleges and universities which have expressed an interest in training personnel for educational television.

The report is based on a survey conducted by the NAEB. Vernon Bronson, Director of the NAEB Office of Research and Development, was Project Director. James Fellows, Assistant Director of the Office of Research and Development, acted as Associate Project Director. The survey found that about 30 universities in the United States offer some kind of course work in educational television, but few of



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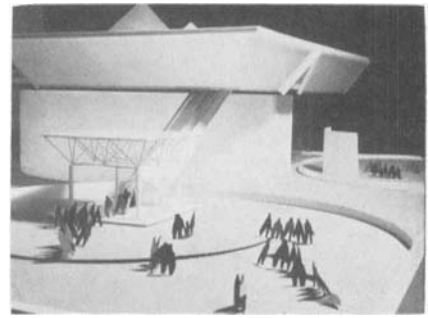
them are organized into a degree-granting program; as a result there is a lack of emphasis on educational television as a new professional area of study. The report stressed the need for more intensive educational programs for television specialists and television users in the field of education.

Four international awards won by two films produced by the U.S. Department of Interior were presented to Department representatives during ceremonies held June 21 at the headquarters of the U.S. Information Agency. Presentation was made by Elio Pascarelli, press attache for the Italian Embassy. *Copper, the Oldest Modern Metal*, produced by the Bureau of Mines under sponsorship of the Phelps Dodge Corp., received the Diploma of Honor at the International Exhibition of Documentary Films, Venice, and first prize at the International Exhibition of Scientific Didactic Films, University of Padua, in the category of chemistry. *Eruption of Kilauea, 1959*, produced by the Geological Survey, was voted the most popular informational motion picture at the Padua showing and, in competition at the Venice Festival, won first prize in the category of geographical, ethnographical, and folklore films "for the dramatic illustration of an exceptional phenomenon."

ASFA Notes is published quarterly by the American Science Film Association, 704 17th St., N.W., Washington 6, D.C., for distribution to its members. The first issue

had 8 pp. and appeared in April. It contained a note on the forthcoming publication, ASFA Monograph, No. 1, *Scientific Research Films Made at U.S. Universities*, a study made by Robert E. Green and Leslie P. Greenhill of the use of motion pictures in scientific research being performed at American Universities.

Three films on the teaching of psychotherapy, produced by Jacques D. Van Vlack, Research Technologist, Temple Research Div., Eastern Pennsylvania Psychiatric Institute, Philadelphia, were shown to an audience of 300 psychiatrists and psychiatry trainees during the Conference on the Teaching of Psychotherapy, sponsored by Temple University Medical Center last March. The films, described as "technically superior from both a psychiatric and a cinematographic point of view," achieved professional effects by "making technical necessities unobtrusive rather than hidden." For example, the camera was placed on a table rather than on a tripod and the fill light was bounced, rather than direct, to make it easier for the "actors," both patients and medical personnel, to become accustomed to the filming and engage in their usual activities without self-consciousness. The films were produced on 1,200 ft of commercial Ektachrome, with magnetic double-system sound from a spot microphone. Producer Van Vlack will describe the techniques for making these films at the Society's Convention in Boston in October.



The Gurney Productions, Inc., Proposed Motion-Picture Studio Pavilion, to be erected at the New York World's Fair.

Plans for a \$1 million multi-level motion-picture studio designed to give New York World's Fair visitors a behind-the-scenes view of the making of a major film production have been announced by Robert J. Gurney, Jr., President of Gurney Productions, Inc., New York. The studio, designed by the well-known architect K. Zane Yost, will occupy 25,000 sq ft on a 40,000-sq ft site. Spectators will ascend to the second level above the "working" studio by means of a high-speed escalator and then will enter a "theater-elevator" accommodating 300 persons. This theater-elevator will then descend to a point just above the heads of the camera crews working in a central production control area. The theater-elevator is enclosed in a column of

an SMPTE publication

## CONTROL TECHNIQUES IN FILM PROCESSING

Prepared by a Special Subcommittee of the Laboratory Practice Committee of the Society of Motion Picture and Television Engineers

WALTER I. KISNER  
Subcommittee Chairman

Foreword by E. H. REICHARD  
Chairman, Laboratory Practice Committee

### CHAPTERS

1. Introduction
2. General Principles
3. General Aspects of Motion-Picture Film Processing
4. Mechanical Evaluation and Control
5. Instruments for Photographic Control
6. Control Strips and Sensitometric Curves
7. Sensitometric Control of a Standardized Process
8. Chemistry of Film Processing
9. Chemical Analysis and Control
10. Economic Considerations in Establishing a Process Control System

Two-page bulletin with description of subject matter of each chapter available without charge upon request to Society Headquarters

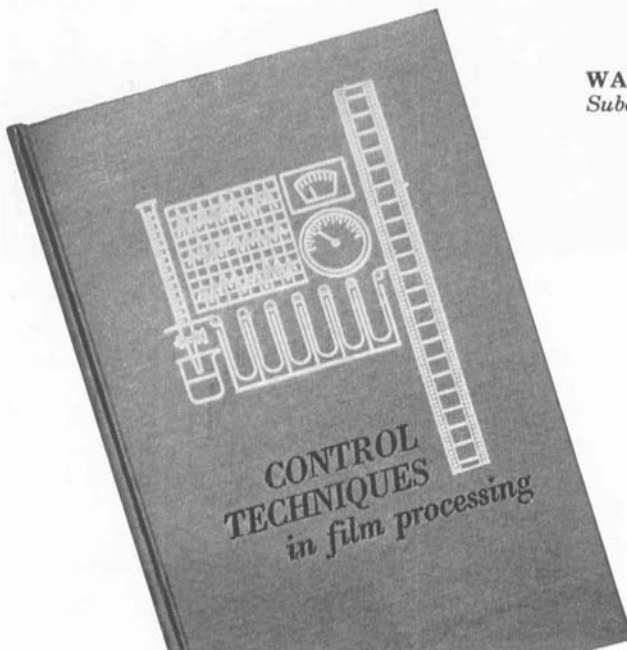
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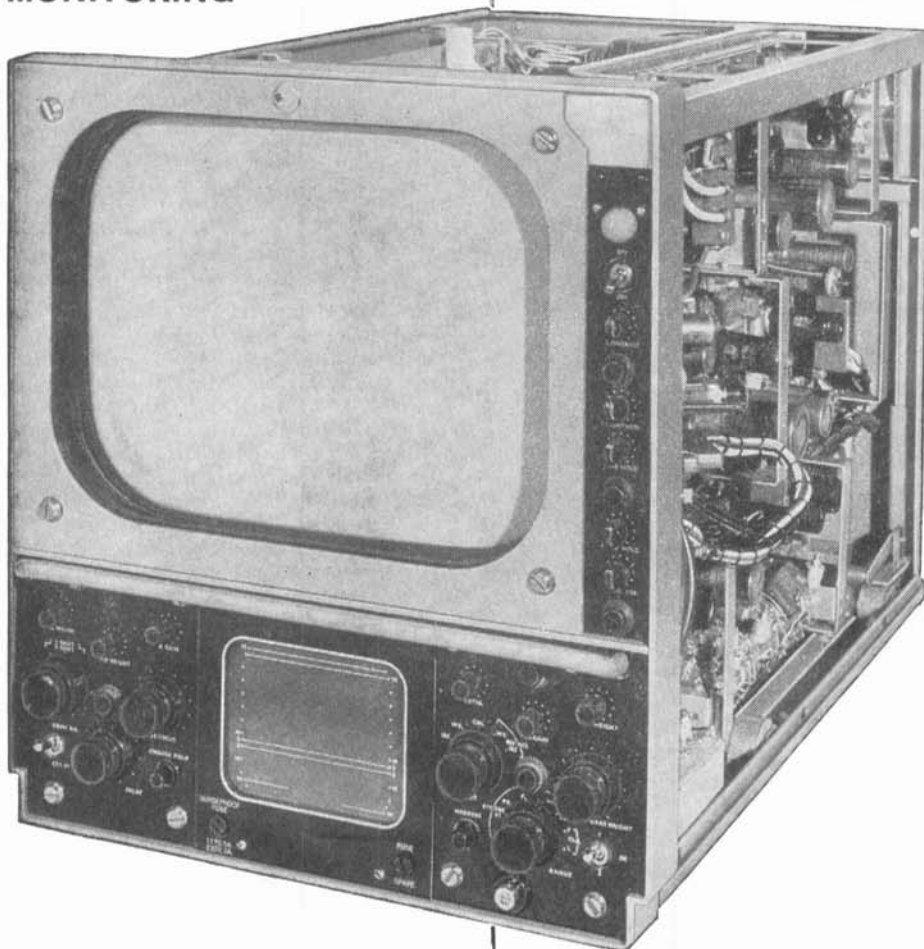


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sound-proof one-way glass, thus affording those inside a clear view of the actors, stagehands and cameramen while they, themselves, remain invisible. Sounds from the studio will be piped into the theater-elevator from small hidden microphones. The plans call for a circular sound stage 120 ft in diameter with 35-ft ceilings. A "space-grid" concept has been incorporated to permit the utmost flexibility in lighting operations. Other film-making activities, such as editing, will be viewed via closed-circuit TV. The top of the building, a circular area 150 ft in diameter, will be used for outdoor scenes. The entire building will be constructed of re-usable, pre-formed sections. A few months before the World's Fair opens, the various sections will be as-

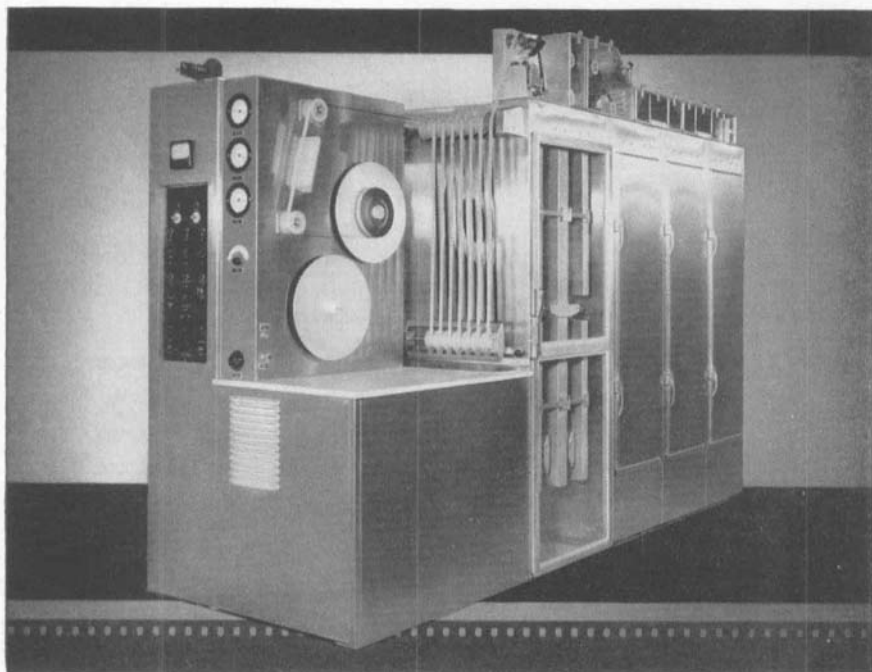
sembled at the site. After the Fair is over, according to Mr. Gurney, the studio will be moved to a convenient New York City area.

**Plans for a closed-circuit network of nine theaters** for the showing of sports events via large-screen television have been announced by Paramount Pictures Corp. in New York, and in Toronto by Famous Players Canadian Corp. Paramount's pay TV subsidiary, International Telemeter Co., will be aligned with Famous Players, which is 51% owned by Paramount, and with Trans Canada Telemeter in a four-year agreement with the Toronto Maple Leafs for the presentation of regularly

scheduled hockey games at nine theaters in the Toronto, Canada, area. The events will be telecast at theaters at the same time they are being shown to Telemeter's home subscribers in the Toronto suburbs. Eidophor projectors will be supplied to the nine theaters by Theatre Network Television, Inc., the announcement stated.

**Construction of a new sound stage** as part of an expansion program has been announced by Canyon Films of Arizona, 834 N. 7th Ave., Phoenix, Ariz. The new sound stage will be 25 ft high and will measure 60 by 90 ft. The sound system will be constructed and installed by Magnasync, Inc. Completely d-c interlocked, up to five dubbing channels will be available. A special section for rain scenes and water sequences will be included.

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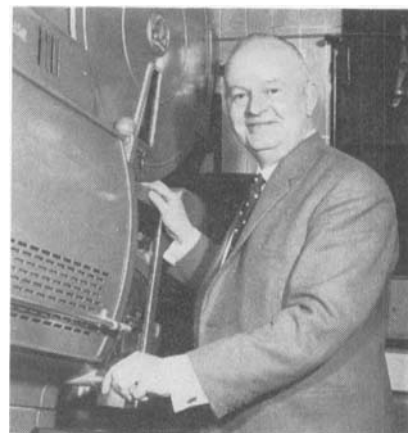
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**Robert Pulman**, Projection Engineer of the Rank Organization Theatre Division, 11 Belgrave Rd., London SW 1, England, has been awarded the British Kinematograph Society's highest honor, the Award of Merit, which has been awarded only once before in the Society's history. Recognized as one of Great Britain's leading experts in the projection field, he is responsible for projection quality in 350 Rank theaters.

(In a letter to the *Journal*, Mr. Pulman has noted that he has 28 theaters equipped with 70mm projectors (Philips and Cine-meccanica), 62 with projection automation (Projectomatic), and eight with full automation, including xenon lamps, large spoolboxes, remote-control focusing, framing, and sound volume. He added that he is presently experimenting with pulsed discharge lamps, self-rewind projectors, and projectors carrying a complete program. He also revealed that the Rank Organization is rebuilding and re-equipping two theaters for SuperCinerama.)

Recognized as one of the industry's foremost film technologists, he has been involved in the development of a number of innovations including 3-D, Cinema-Scope, Superscope, Technirama, Todd-AO, and Cinerama. During the installation work on Britain's National Film Theatre, he was lent by the Rank Organization to the British Film Institute to act as technical advisor. In recent years he has traveled widely to study the development of cinematographic techniques in Europe, including projection automation. He has been a member of the SMPTE since 1942.

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- CBS News
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- Compton Advertising
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- On Film, Inc.
- Arthur Lodge Productions
- Peckham Productions, Inc.

**Gen. George W. Goddard** has been elected a Fellow of the Society of Photographic Scientists and Engineers (SPSE), an honor reserved for those who have "contributed outstandingly to the technical or scientific progress of photographic scientists and engineers." General Goddard, who has been called the "father of aerial photography," is a retired Air Force Brigadier General. He enlisted in the Aviation Section of the Army Signal Corps in 1917 and retired from the Air Force in 1953. His military career is said to have influenced strongly the development of aerial reconnaissance; he is credited with developing many of the techniques basic to this type of photography. One of his contributions was to the development of large cameras of long focal length, widely used in U.S. photorecon-

naissance systems. He holds patents in the field of night photographic aerial cameras. His awards include the Distinguished Service Medal, Croix de Guerre, Legion of Merit with Oak-Leaf Cluster, and Thurman H. Bane Award. At present he is special assistant to Franklin A. Lindsay, President of Itek Corp., Lexington 73, Mass. He is also head of Itek's Washington, D.C., office.

**Karl Freund**, President of Photo Research Corp., 837 N. Cahuenga Blvd., Hollywood 38, attended the 15th Session of the International Commission on Illumination (CIE), held this summer in Vienna, Austria, as Delegate from the United States for Lighting of the Stage, Photography,

Cinema and Television Production. The CIE, composed of illumination experts from 38 countries, meets every four years to recommend technical standards covering every aspect of illumination from aviation ground lights to home, school, street and mine lights. This is the third time in 12 years that Dr. Freund has been chosen to represent the United States at the CIE sessions. Following the meeting, he visited Italy, Germany, France and England to discuss distribution of Spectra photometric instruments.

**Warren C. Schreiner** has been elected Chairman of the Engineering Foundation of the United Engineering Trustees, Inc., United Engineering Center, 345 East 47 St., New York 17, N.Y., for the 1963-1964 term of office. He succeeds Allan H. Kidder. Board members elected to four-year terms are William D. Alexander, III, Dr. Charles L. Tutt, Jr., and Arthur V. Loughren. Established in 1914, the Engineering Foundation operates under private endowment as a department of United Engineering Trustees. It is a creation of five engineering organizations: American Society of Civil Engineers, American Society of Mining, Metallurgical, and Petroleum Engineers, American Institute of Chemical Engineers, American Society of Mechanical Engineers, and Institute of Electrical and Electronics Engineers. Its purpose is to stimulate and aid research in science and engineering, and to advance the engineering profession.

**Warren Portman** has been appointed to the post of Chief of Engineering of Camera Service Center of New York and Toronto. He will supervise all of the firm's manufacturing activities and will head the CSC design and development division. Prior to this appointment Mr. Portman was President of Photo Animation, Inc., which he founded. He is the designer of the Portman animation stand.



**Ben Price**, formerly of A-V DeKalb, Inc., has joined Double Sixteen Co. of Wheaton, Ill., as Vice-President and Treasurer. He will head the firm's new equipment division, established as part of a planned expansion program. The new division will supplement the firm's film production and training material activities.

**Kenneth M. Harden**, formerly with Encyclopaedia Britannica, has joined Traid Corp. of Encino, Calif. He has been elected to Traid's Board of Directors, appointed Executive Vice-President, and will have charge of the firm's Fotron Camera Division.

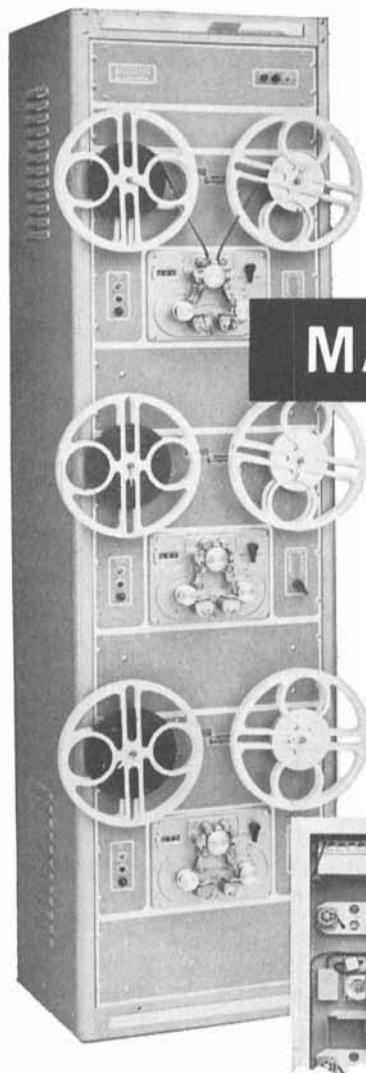
**Forrest B. Jacquart** has been appointed liaison engineer for Cinerama Camera Corp., and project engineer for all company activities at the New York World's Fair. Mr. Jacquart was formerly associated with the U.S. Air Force as chief installation engineer at Lookout Mountain, Photographic Labs, Air Photographic and Charting Survey, Hollywood, Calif. He was also chief engineer for the theater equipment and installation at the 1958 Atoms for Peace Convention, Geneva, Switzerland.

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G.K. Theatre Supply Co., Ltd.  
123 Sule Pagoda Road

CANADA, Islington, Ontario  
Alex L. Clark, Ltd.  
3751 Bloor St., W.

DENMARK, Copenhagen CHL  
Kinovox Electric Corp.  
Jenslousvej 2

ENGLAND, London  
Delane Lea Processes, Ltd.  
12 Moor St., (W-1)  
Gordon Cameras, Ltd.  
45 Kensington High, (W-8)

FRANCE, Paris  
Brockliss-Simplex S.A.  
6, Rue Guillaume Tell

GERMANY, Hilden Dusseldorf  
Gerhard Johansen  
3 Lessingstrasse

GREECE, Athens  
Christos Axarlis  
50 Stadium St.

HONG KONG  
Supreme Trading Co.  
60 Hennessy Road

INDIA, Bombay  
Kine Engineers  
26, New Queen's Road

ITALY, Rome  
Reportfilm, di J.M. Schuller  
Via Antonio Bertolini 31

JAPAN, Tokyo  
J. Osawa & Co., Ltd.  
5, Ginza, Nishi 2-Chrome, Chuo-ku

NEW ZEALAND, Auckland  
Kerridge Odeon Industries  
St. James Building, Queen St.

PAKISTAN, Karachi-3  
Film Factors, Ltd.  
27 Victoria Rd., Rex Annexe

SOUTH RHODESIA, Salisbury  
William Over & Co. Pvt. Ltd.  
Kingsway & Manica Road

THAILAND, Suriwong, Bangkok  
G. Simon Radio Co. Ltd.  
30 Patpong Avenue

**Jack Hall** has been appointed to the position of Technical Director of General Film Laboratories, 1546 N. Argyle Ave., Hollywood 28, a division of Pacific Industries, Inc. In his new post, he will be responsible for the operation and maintenance of all printing and processing equipment, for sensitometric, printing, and processing control standards, and for the design, fabrication, and purchase of new equipment. He had been in charge of the company's Chemical Department since 1953 and was active in the development of automatic control equipment.

**Syd Cassyd** has accepted an appointment as Curator of the Hollywood Museum. Mr. Cassyd, who is Hollywood Editor of Box-office Magazine and Chief Consultant for Television Communications to the Los Angeles Fire Commission, is a founder (1946) and was President (1950) of the Academy of Television Arts and Sciences. He presently serves on the Acquisition and Archives Committee of the Hollywood Museum and the Library Committee of the Television Academy.

**R. Bruce Hill** has been appointed Director of Sales of Mitchell Camera Corp., Glendale, Calif. Prior to this appointment, he was Vice-President of Hayward Scientific Glass Corp., where he dealt with glass technology and handled the marketing of optical glasses. He will now have associated responsibilities with Mitchell Vinten, Inc.,

the U.S. sales organization for the film and TV production equipment made by Vinten.

**Nat C. Myer, Jr.**, has been appointed to the newly created position of Director of Marketing, Communications Products and Services, Industrial Products Div., Fairchild Camera and Instrument Corp., 221 Fairchild Ave., Plainview, L.I., N.Y. Formerly Vice-President of the TelePromp-ter Corp. of New York, Mr. Myer will have the responsibility for the marketing programs supporting Fairchild's Cinephonic Mark IV automatic film projection systems, the Fairchild Cockpit Voice Recorder, crash data recorder systems for commercial aircraft, and other audio-visual communications equipment.

**Peter Keane**, Technical Director of Screen Gems, has been appointed Technical Director of Columbia Pictures, as well. In his new post he will be responsible for laboratory and related operations affecting the two companies, including laboratory supervision, initiation of new techniques in film and tape projects and other associated activities. Mr. Keane has been with Screen Gems since 1951.

**The National Audio-Visual Association** held its 23d National Convention July 20-23 in Chicago. Keynote speaker was George Murphy, Vice-President of Technicolor Corp., whose subject was "Focus on Change." An address was given by Don

White, Executive Vice-President of NAVA, who spoke on "The Challenge of Change." Mr. White, who is the author of a number of publications in the audio-visual field, is a registered lobbyist for education legislation.

**A private screening theater** operated by Movielab, Inc., 619 W. 54 St., New York, offers a wide range of projection methods. The screening room has been equipped for every kind of 35mm and 16mm projection in regular, wide-screen, and anamorphic systems, TV apertures, 3-D, and side-by-side screening as well as interlocking of from one to six optical or magnetic soundtracks at one time. A xenon projection lamp was recently installed in the theater, according to an announcement by Saul Jeffee, Movielab President.

**Storer Programs, Inc.**, wholly owned subsidiary of Storer Broadcasting Co., Miami Beach, Fla, will handle all broadcast-connected sales of Machronics products in the United States and Canada, according to an announcement from Kurt R. Machein, President of Machronics, Inc., Mountain View, Calif. Also announced was the development of a portable TV tape recorder adapted from the MVR-10. This is a compact 68-lb unit to permit recording by only one operator wherever a 110-v power source is available.

**The Government of Ghana** has placed a contract amounting to about £3 million with Marconi Wireless Telegraph Company for a comprehensive new television service and extensions to the existing sound broadcasting service of the Ghana Broadcasting Corp. The contract, Marconi's largest in the broadcasting field, according to the announcement, includes the manufacture and installation of TV transmitting stations at Accra, Kumasi and Sekondi-Takoradi; a television studio complex at Accra; a large sound transmitting station at Ejura; and a complete microwave link system to carry up to six music channels between Accra, Kumasi and Ejura. Ghanaian engineers and technicians are being trained in the techniques of television operation at the Marconi headquarters at Chelmsford.

**Installation of its third closed-circuit color TV system** has been announced by Air Force Systems Command as part of a closed-circuit network planned to link nine of its divisions and centers with its headquarters at Andrews Air Force Base, Md. Color TV equipment for the installation, supplied by the Radio Corp. of America, includes two color TV cameras, a film camera for reproducing motion pictures and slides in the TV system, a TV tape recorder and a studio switching console. According to AFSC spokesmen color was chosen rather than black-and-white because briefings or programs in color have been shown to have greater impression value than those in monochrome.

**Availability of 35mm black-and-white reversal processing and duplicating** has been announced by Bebell & Bebell Color Laboratories, Inc., 108 W. 24 St., New York 11. The firm also processes and

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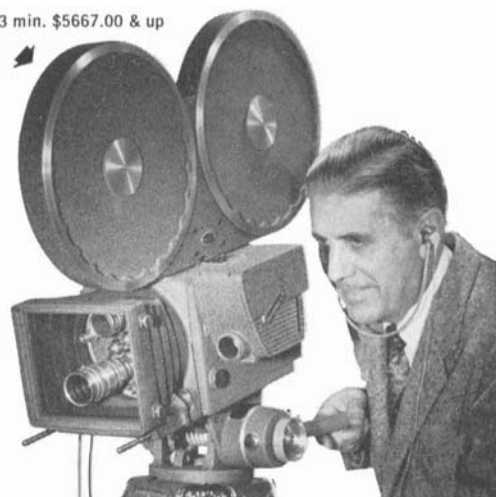
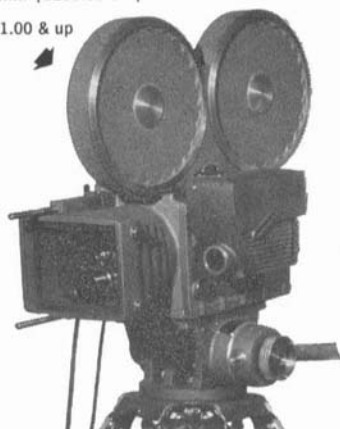


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duplicates 8mm and 16mm reversal. The firm's technique is reported to afford positive-to-positive 35mm black-and-white duplicates, as well as work prints, direct from black-and-white or color masters, and from direct titling and optical effects.

**Operation Red Carpet** is a new open-house policy devised by Movielab, Inc., 619 W. 54 St., New York 19, in an effort to familiarize the motion-picture and television industries with the inside workings of a film laboratory. Invitations have been extended to persons concerned with motion picture and television to tour Movielab's black-and-white and color film laboratories to see at first hand what really goes on behind the scenes. According to Saul Jeffee, President of Movielab, the professional film laboratory is one of the most unsung branches of the motion-picture industry.

**A system for automatic map compilation** has been announced by Thompson Ramo Wooldridge Inc., 8433 Fallbrook Ave., Canoga Park, Los Angeles, Calif. According to the announcement, the system abstracts terrain altitude information by correlating the imagery appearing on stereo pairs of aerial photographs, and produces simultaneously an altitude chart and an orthophoto, a photograph in which displacements have been corrected so that true distances are accurately shown. The system uses a combination of digital and analog techniques, including a small

digital computer, to make 50 altitude measurements per second. Accuracies of 0.1% of the altitude are reported to have been achieved. Reduction of data from pairs of photographs is usually accomplished manually in 10 to 20 hours per pair, depending upon the complexity of terrain. The new automatic map compilation system is said to accomplish the same reduction in one to two hours.

**The new CBS Broadcast Center in New York**, scheduled to go on the air in 1964, will incorporate two TRW-330 control computers for routine pre-planned program switching operations. The computers will be supplied by TRW Computers Co., a division of Thompson Ramo Wooldridge Inc. Three distinct on-line functions to be performed by the computer system are on-air continuity switching; facilities assignment switching; and studio lighting preset storage and retrieval. CBS and TRW introduced digital computer techniques at CBS-owned station KNXT on December 31, 1960. The system is called Tascon (Television Automatic Sequence Control). Instead of the previously required 30 or more buttons which the operator was required to press for station-break switching, the operator presses only one button for Tascon to carry out the stored switching instructions. The system is described in a paper by Adrian B. Ettlinger, "Computer Control System for Program Switching," (*Journal*, pp. 691-695, Sept., 1961).

**Logos**, a production company located at 1017 New Jersey Ave., S.E., Washington 3, D.C., has reported on a demonstration of the Marconi Vidicon Color Type V3310, which was conducted recently at the Logos studios. The camera's three vidicon scanning yokes, together with the relay optical system, are mounted on a rigid casting which forms a vertical spine in the center of the camera body. The dichroic surfaces in the relay optical system are on glass-to-glass interfaces to eliminate ghosts and spurious images. A relay system is employed to permit use of standard TV lenses, including zooms, in the image orthicon range. All three normal operating functions on the camera, i.e., focus, iris and lens change, are motor driven and may be controlled remotely from the camera control position.

**A full-scale station for loading the Magi-Cartridge** for Technicolor projectors has been installed at the Technicolor Consumer Products Division, 541 W. 57 St., New York. Previously, the cartridge loading had been centralized in Technicolor's facilities at Burbank, Calif.

**Opening of a Canadian subsidiary** to be known as Florman & Babb (Canada) Ltd., with headquarters at 1263 Dorchester St. West, Montreal, has been announced by Florman & Babb, Inc., 68 W. 45 St., New York 36. Manager of the Canadian organization is Kenneth Jones. Mr. Jones was formerly Manager of the Montreal branch of Alex L. Clark, Ltd.

**The Camera Mart Film Editing Workshop-Seminar** will be held October 7-11 at the Grand Ballroom, Henry Hudson Hotel, N.Y., it was announced by Camera Mart, Inc., 1845 Broadway, New York 23. Application forms are available from Charles Lipow, General Manager. Hundreds of applicants have already been accepted, the announcement stated. Among organizations that will be represented at the Work-Shop Seminar will be about 30 industrial firms, universities and military installations.

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#### ERRATUM

On p. 582 in the July *Journal* the advertisement for the **TEL-Animaprint Hot Press**, a product of S.O.S. Photo-Cine-Optics, Inc., shows an error in prices.

#### THE CORRECT PRICES ARE:

Electronic TEL-Animaprint  
Hot Press Title Machine  
..... ONLY \$595.00  
Standard Model..... ONLY \$495.00

All orders or inquiries on either of these machines, made to S.O.S., are subject to the correct prices.