

Coast looks forward to an exceptionally high quality series on video-tape recording, according to Vice-Chairman Schuller. Further details on the series will appear in the *Journal* and by special notification of the East Coast members of the Society.—B.S.

## Nomenclature

*Terms Used in Production of 16mm Non-theatrical Motion Pictures*, a glossary compiled by members of the Nomenclature Committee of the University Film Producers Association, is published in the Association's *Journal* (Winter 1960, Vol.

12, No. 2). The glossary has been revised and brought up to date from previous issues and new terms have been added. Sources consulted by the UFPA Nomenclature Committee include *American Standard Nomenclature for Motion Picture Film Used in Studios and Processing Laboratories* (sponsored by the SMPTE); *A Selected Glossary for Motion Picture Technicians*, Reprint No. 23, published by the Academy of Motion Picture Arts and Sciences; and the *Glossary* published by the Theater Arts Department of the University of California, Los Angeles. The UFPA glossary is available from The University Film Producers Association, c/o Motion Picture Division, 1885 Neil Ave., Columbus 10, Ohio. It is priced at \$1.00.

## Education, Industry News

**A proposal for a satellite communications system** that may be ready for trial commercial use by 1965 and for development into extensive national and international systems by 1970 has been submitted to the Federal Communications Commission by Radio Corp. of America in connection with the FCC study of frequency allocations for space communications. The possibility of world-wide television by means of satellite communication is an intriguing field of scientific investigation. Services listed in the RCA statement include: intercontinental television and television service to remote areas; wide-band intercontinental communications systems; economical international and intracontinental very-high-capacity routes between major centers of population; lunar and interplanetary communications.

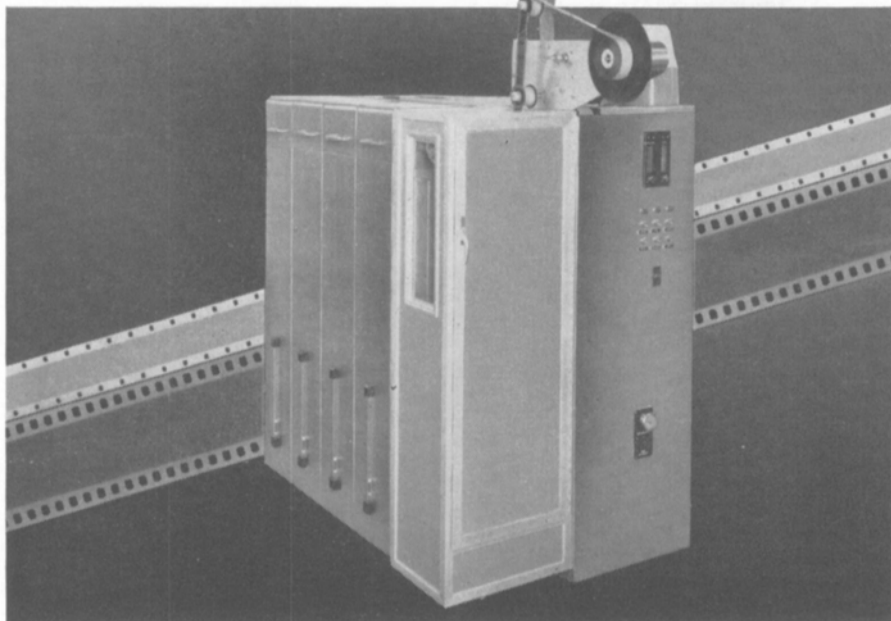
Advantages of international satellite relay would include: freedom from the frequent disturbances in ionospheric propagation; greater communications capacity and probably greater reliability for such classes of services as telegraph message traffic, telex services, point-to-point transmission and normal-speed radiophoto and line-facsimile messages; new long-distance record communications services such as medium and high-speed, high-definition facsimile; monaural and stereophonic program exchanges; reduced-speed television programs; and high-speed data transmission.

**Both the Democratic and Republican National Conventions** have been thoroughly covered in terms of political and social significance, but one or two items of a nonpolitical nature may be noted here. The General Electric Company's electronic rear-projection system, leased by TelePrompter for use at the Democratic Convention is described in the July *Journal* (p. 514). Closed-circuit facilities for the Republican National Convention were provided by Theatre Network Television, Inc. (TNT). Four Eidophor projectors were used to project pictures of the speakers on 24 by 32-ft screens from a distance of about 220 ft. Cameras for the closed-circuit were built into the rostrum. The cameramen were hidden from the audience.

A new device used at both Conventions (first tested at the Democratic Convention) is the Vega Telemike, a wireless microphone developed by Vega Electronics Corp., 10781 N. Highway 9, Cupertino, Calif. The microphone, which is 6 in. long and weighs 8 oz, was used by American Broadcasting Co. in its coverage of both Conventions. It has its own transmitter and antenna which broadcast the signal to a pickup unit at the ABC master control.

A new company called Mitchell-Vinten, Inc., with offices in Glendale, Calif., and New York, is jointly owned by Mitchell Camera Corp. of California and the British firm, W. Vinten Ltd. The new company was formed to promote sales of Vinten products in the United States.

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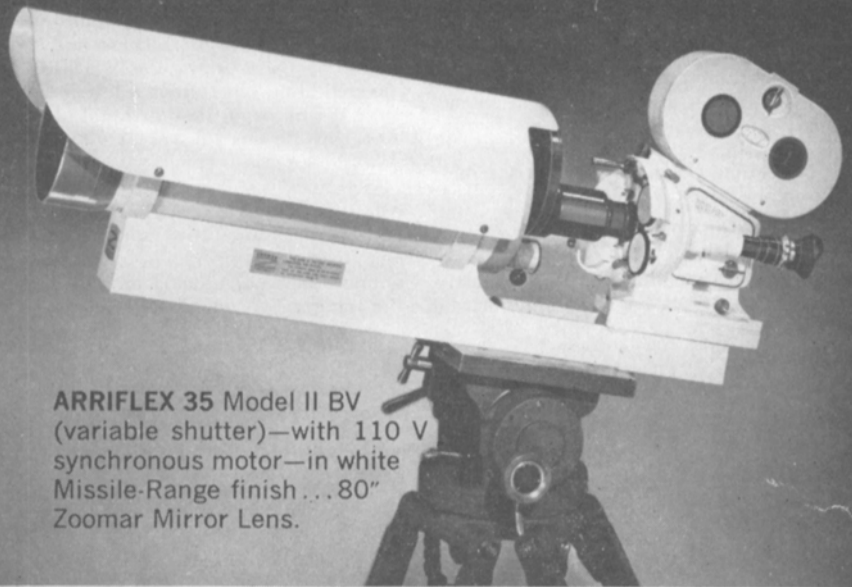


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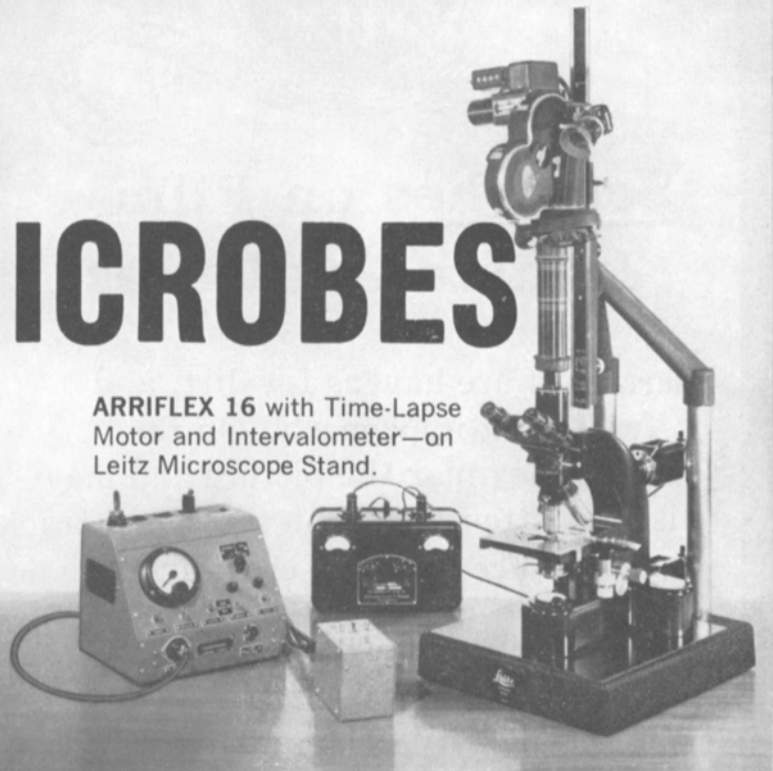
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It will also provide servicing and manufacturing facilities. Plans are underway for a second jointly-owned company to be formed in London, England, to provide sales and servicing facilities for Mitchell products in British and European markets.

**Carbon Arc Projection** is a 15-min sound picture in Technicolor which demonstrates the optics of motion-picture projection and the role of the carbon arc in the broad science of light, sight and color. A production of National Carbon Co., Division of Union Carbide Corp., the film is being made available for showing to exhibitor and projectionist groups. It cannot be shown at meetings to which an admission charge is made.

**Opening of a Washington, D.C., office,** at 1710 H St., N.W., has been announced

by Hazeltime Corp., Little Neck 62, N.Y. The firm has major operations centered around defense activities including radar, both airborne and ground, electronic display, data processing, air traffic control, and missile guidance and launching.

**A new film company,** Allegro Film Productions, has been formed by Jerome G. Forman, news, sports and special projects film editor for Telenews and Hearst Metrotone News since 1947. He has also directed films. Operations will be geared to serve the needs of the individual film user. The new firm is located at 723 Seventh Ave., New York.

**Allen B. Du Mont Laboratories, Inc.,** has been acquired by Fairchild Camera and Instrument Corp. in a recently announced merger action. Under the terms of the merger agreement, one share of Fair-

child common will be exchanged for each 15 shares of Du Mont common and one share of Fairchild common for each 5.7 shares of Du Mont preferred.

**A huge broadcasting center and a mobile tape recording cruiser** are being constructed for Station WFAA-TV, Dallas, Tex., at an estimated cost of close to \$2 million plus another \$2 million invested in equipment. The studio building is scheduled to be completed early in 1961 and the cruiser is expected to be in operation in September. The cruiser, which is being constructed in California by Ampex Professional Products Co., will be equipped with two Ampex TV tape machines, six Marconi Mark IV 4½-in. image-orthicon cameras, General Communications transistorized video switcher and General Electric transistorized stereophonic audio facilities.

The 40-ft cruiser is planned as a complete studio on wheels, provided with its own power generators, special lighting equipment and engineering equipment for the handling of remote telecasts.

**International Video Tape Recording and Production, Inc.,** 430 North Camden Drive, Beverly Hills, Calif., has announced the purchase of a 47-ft Videotape\* Liner and equipment including two Ampex VR-1001A tape recorders, four Marconi Mark IV 4½-in. image-orthicon TV cameras, a custom-built video switching system and special effects generator. The Ampex machines are equipped with Inter-sync TV signal synchronizers. The firm will also operate a 40-ft amphibious cruiser for offshore location work. Cameras mounted on the cruiser will be linked by microwave or cable to the Videotape\* Liner. It is planned to equip the Liner with a 50,000-w stabilized power generator.

Also announced was the formation of a company to be called Electronic Video Tape System, Inc., to handle such services as electronic editing, dubbing, duplicating, re-recording and altering of taped program material. (\*TM Ampex Corp.)

**A six-month test of in-store advertising** by means of closed-circuit TV is being conducted by Store-Video, Inc., and the Grand Union Co. (supermarkets) of New York. The test, conducted in a supermarket, is to determine how much (and if) sales are affected by this form of advertising. The equipment, installed by Radio Corp. of America, consists of a camera, a number of monitors suspended just above eye level throughout the store and an automatic wheeldex device containing the product messages on telops.

**Equipment for filming the Floyd Patterson-Ingemar Johansson** world heavyweight championship fight was supplied by Camera Equipment Co., 315 W. 43 St., New York 36. The firm's president, Frank Zucker, acted as Director of Photography. Mannie Spiro was producer of the fight film for TelePrompTer. Seven cameras, plus two for standby, were used on the camera stand — five NCs equipped with telephoto lenses and four Mitchell High-Speed Cameras for slow-motion photography. Two cameramen and four Arriflex cameras were stationed at ringside. As one camera became empty the cameraman was handed a fresh camera, ready to go.



## Scratches on Film Irritate Audiences

Scratches are havens for dirt, and refract light improperly. On the screen, they mar the picture and may distract attention. If on the sound track, they produce offensive crackling.

Fortunately scratches can almost always be removed — without loss of light, density, color quality, or sharpness.

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- ★ All-transistorized! Bulky batteries and heavy transformers eliminated.
- ★ Rechargeable battery or continuous A.C. operation.
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- ★ Fitted carrying case can be conveniently stored under pullman seat or carried as hand-luggage on plane.

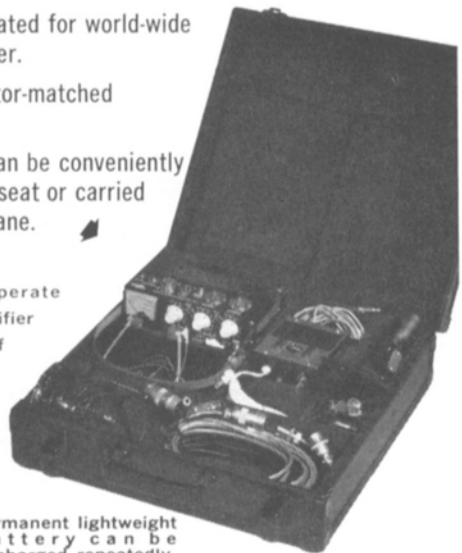
FILMAGNETIC DUPLEX A.C. POWER-PACK & CHARGER will fully charge MA-11 Amplifier Battery overnight. Plug into wall-socket... plug into Amplifier. It's that easy!



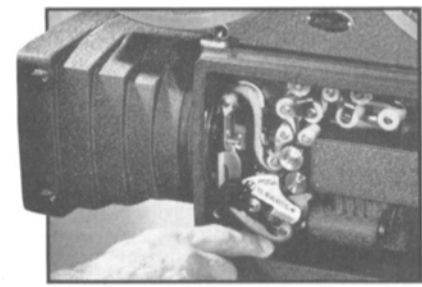
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THIS IS THE FILMAGNETIC CAMERA UNIT for 16mm magnetic sound-on-film... FILMAGNETIC sound-on-film recording can be factory installed on all existing, or earlier, Auricon Cameras. Recording on pre-stripe film, black-and-white or color, you get professional quality lip-sync talking pictures and brilliant music reproduction. After normal processing, the film can be shown on any 16mm magnetic-sound projector. In use since 1955, for exacting professional requirements, FILMAGNETIC, with the new MA-11 Amplifier, brings you the means for producing the finest in professional 16mm sound-on-film motion pictures. The optical sound-on-film capability of your Auricon Camera is not impaired. Change back and forth at will... without tools!

**GUARANTEE**

All Auricon Equipment is sold with a 30-day money back guarantee and a 1 year Service Warranty. You must be satisfied!



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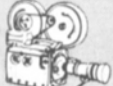
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THE **BACH Auricon** LINE OF 16MM SOUND-ON-FILM CAMERAS



CINE VOICE II  
100 ft. Runs 2 3/4 min.



AURICON "PRO-600 SPECIAL"  
400 ft. Runs 11 min.



AURICON PRO-600  
600 ft. Runs 16 1/2 min.



AURICON SUPER-1200  
1200 ft. Runs 33 min.



"FILMAGNETIC" SOUND FOR COLOR OR BLACK & WHITE

**AURICON... THE PROFESSIONAL CAMERA • STANDARD OF THE 16MM SOUND INDUSTRY SINCE 1931**

A mobile medical color television unit manufactured by Marconi's Wireless Telegraph Co., Ltd., for Smith Kline and French Laboratories Ltd., is making a three-month demonstration tour of Australia, ending in October. An engineering team is provided by the Marconi Company to staff the vehicle. During the tour the unit will visit hospitals in Adelaide, Melbourne, Brisbane and Sydney to give color TV demonstrations. The 8-ton vehicle is divided into three sections, containing two tons of color TV apparatus.

Ampex Australia, Pty, Ltd., has been established as a subsidiary of Ampex In-

ternational S.A. of Fribourg, Switzerland. Edmund J. Aleks is Managing Director of the new Australian company. He was formerly Western District Sales Manager for Ampex recording equipment in the United States.

A 10-volume set of Theatre Catalog is offered by Jay Emanuel Publications, Inc., 246 N. Clarion St., Philadelphia 7, at a considerably reduced price of \$20. (Individual copies are priced at \$3.00 and a set of any five copies at \$12.50.) The 10-volume set contains 4680 pages and is illustrated with more than 10,000 views of theater buildings and with more than

1000 detailed drawings, floor plans and drive-in plans plus many other illustrations. A cumulative index contains thousands of references to items on theater design, construction, maintenance, management and equipment.

Plans for a new research laboratory in Japan to conduct fundamental studies in the physics and chemistry of solids have been announced by Radio Corp. of America. Martin C. Steele will be Director of Research of the new laboratory which will be called Laboratories RCA, Inc., Tokyo.

The Show Is on Video Tape is an illustrated booklet published by the Magnetic Products Division, Minnesota Mining and Manufacturing Co. describing the planning and production of three separate network commercials. First of a series to be called "Concepts in Video-Tape Recording," the booklet is priced at 25 cents and is available from Russell F. Roth, 3M Co., Box 3500, St. Paul, Minn.

Zero-Max stepless variable speed drives for fractional horsepower applications are listed and described in a 16-page illustrated catalog available without charge from Zero-Max Co., 1952 Lyndale Ave. South, Minneapolis, Minn. Details on all types of units, with or without motor, are given. Charts and diagrams are included.

Seven scientists were honored by the Society of Photographic Scientists and Engineers at an Annual Awards Luncheon held May 12, 1960, at the Miramar Hotel, Santa Monica, Calif. Douglas A. Spencer, Managing Director of the British subsidiary of Eastman Kodak Co., was named an Honorary Member, the highest recognition granted by the SPSE. Fellows of the SPSE cited at the Awards Luncheon were: Herman H. Duerr, Agfa-Ansco Corp. (Dr. Duerr was recipient in 1959 of the Herbert T. Kalmus Gold Medal Award bestowed by the SMPTE in recognition of his contributions to color photography); Ralph Evans, Eastman Kodak Co. (a recipient of the SMPTE Samuel Warner Award in 1949 and the Progress Medal in 1957); R. Clark Jones, Polaroid Corp.; and C. B. Nebllette, Rochester Institute of Technology, Rochester, N.Y. Newly elected Senior Members are Peter Krause, Agfa-Ansco Corp.; and Carl R. Markwith, U.S. Operations Mission, Tehran, Iran.

Thirty-nine nontheatrical films selected by the Committee on International Non-theatrical Events (CINE) were shown at the Venice International Exhibition of the Film on the Arts, June 15-17, and will be shown during the year at three other film festivals — in Berlin, Vancouver and Edinburgh. The films are divided into special categories such as documentary and short films, science and didactic films, children's films and art and experimental films. CINE Chairman is Ralph L. Hoy. Vice-Chairmen are James A. Barker and Stanley McIntosh. Coordinator is Anna L. Hyer. Offices are at 1201 16th St. N.W., Washington 6, D.C.

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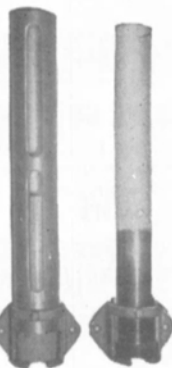
- Dual Reader (without viewer) \$195.00
- Zeiss Moviscop Viewer . . . . . 89.50
- Special Reader Viewer Comb. 269.50

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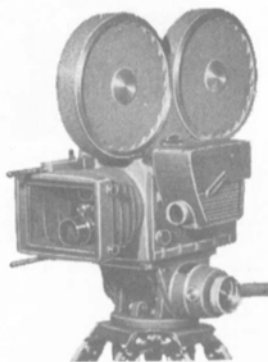
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- 36" . . . . . 14.50
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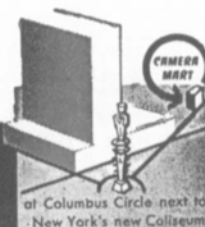
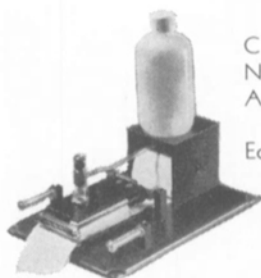


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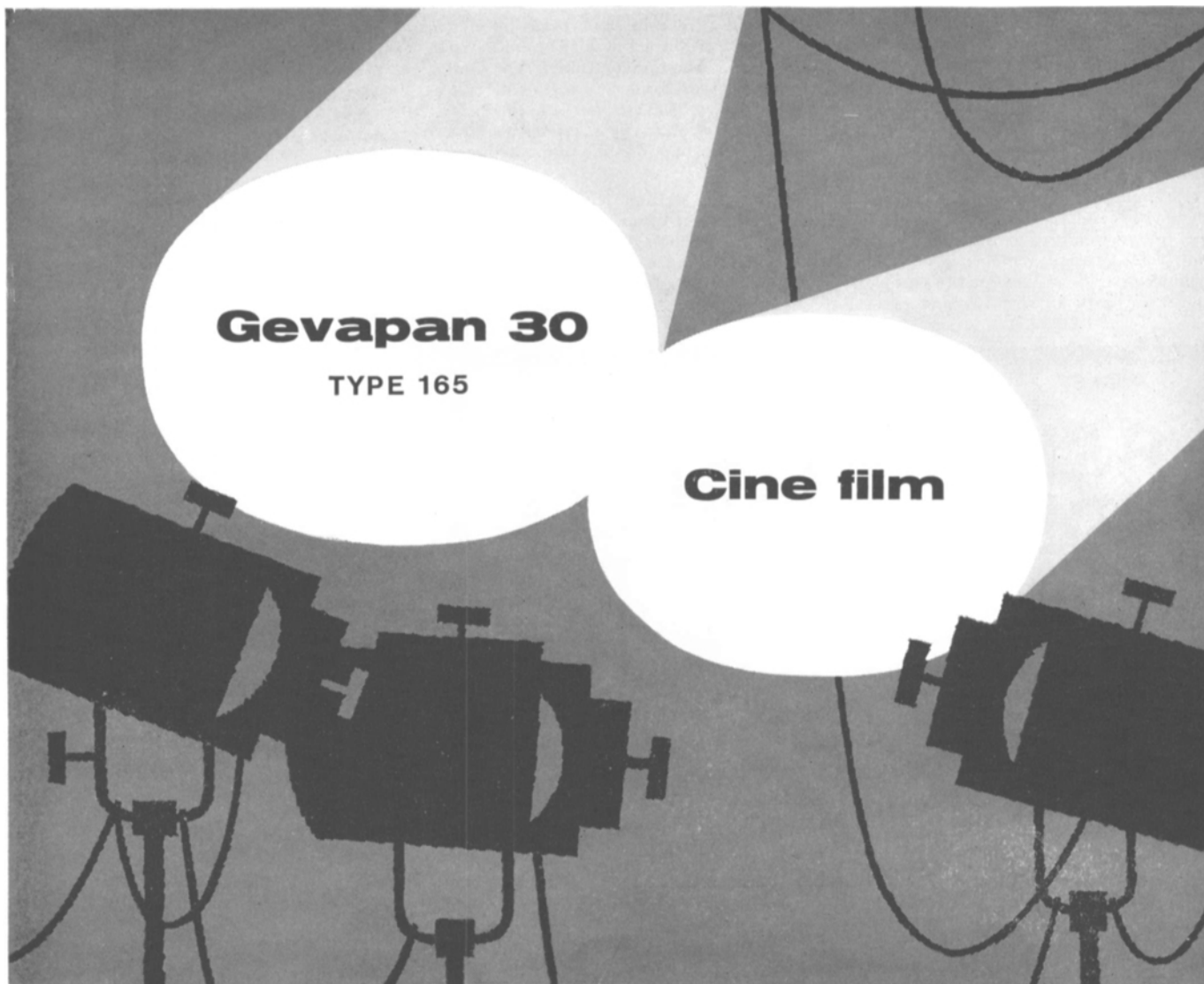
Ecco No. 1560 cleaning fluid, per gallon . . . . . 9.00

Ecco No. 2000 negative cleaning fluid, per gallon . . . . . 6.50



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**Page Communications Engineers, Inc.**, has moved from 710 14th St., N.W., Washington, D.C., to a four-story brick building at 2001 Wisconsin Ave., N.W. The new building, called Page Communications Building, is designed to house the offices and the laboratories, formerly located in Maryland.

**Thirteen new sheets** have been issued by Sylvania Electric Products, Inc. to be substituted for corresponding sheets in the Projection Lamp section of the *Sylvania Photolamp Technical Manual*, thus bringing the information up to date. One sheet, No. 7534, is to be removed as the lamp type it describes, No. 750T12TF, is no longer included in the Sylvania product

line. Other lamps have been changed in such respects as light source dimensions, filament type, etc.

**Wells R. Chapin** has been appointed Manager of Marketing for Dage Television Division, Thompson Ramo Wooldridge, Inc. He was formerly Northeastern Regional Sales Manager for General Electric Co. In his new post he is responsible for the Division's expanding marketing activities.

**Walter A. Steiner** has been appointed Vice-President in charge of technology for National Carbon Company, Division of Union Carbide Corp. He has been Vice-President in charge of development. In his new post he will be in charge of research as

well as development activities. He has been with the company since 1924.

**Emerson Yorke, independent film and TV producer**, will shortly release a half-hour TV Sports Special entitled *This Is Baseball*. Filmed in 35mm black-and-white, plays at key positions are highlighted by camera speeds ranging from normal through to various degrees of slow motion. Technical credits include Burgi Contner ASC and Russell Carrier on camera; Joseph Dervin ACE, supervising editor; Joseph Johnson, script; Glen Glenn, sound recording; Solita Palmer ASCAP, original music score.

**Robert Sackman** has been elected Executive Vice-President and Chief Operating Officer of Ampex Corp., and Phillip L. Gundy and Thomas L. Taggart have been named Senior Vice-Presidents. Other personnel items include the appointment of Gerald F. Rester as Eastern Sales Manager and Frank Gonzales, Jr., as Southwestern Regional Sales Manager for the Video Products Division of Ampex Professional Products Co.

**F. D. Meadows** has been appointed Manager, Video Product Administration, Ampex Professional Products Co., a division of Ampex Corp. The post involves administrative control of all video products manufactured and distributed by Ampex, including its video-tape recorder, the Marconi Mark IV TV camera and associated video products and services. Prior to his present appointment he was Commercial Manager of the Broadcast Equipment Division.

**Thomas C. Clark** has been appointed a Vice-President of Houston Fearless Corp. Formerly Assistant Vice-President and General Manager of the company's Los Angeles Division, he will continue in the latter position. He has been with Houston Fearless since September 1959 and prior to that was Marketing Director of the Communications Division of Hughes Aircraft Co.

**Six new appointments**, four of which are in the Engineering Department have been announced by Audio Devices, Inc., 444 Madison Ave., New York 22, as part of an expansion program at the firm's Stamford, Conn., plant. James R. Ramsey has been appointed Quality Control Manager and George W. Fouser is the new Quality Control Supervisor. Additions to the Engineering Department are Edward O. Mueller, John E. Jackson, Per Arne Fladager and Peter R. Rohner.

**The Handling, Repair, and Storage of 16mm Films** is an Eastman Kodak publication, Kodak Pamphlet No. D-23, which has been extensively revised from an earlier publication. It is of special interest to industrial photographers and advanced amateurs. The 11-page pamphlet discusses causes of damage to 16mm film, means of promoting long film life, cleaning, lubricating, splicing and storage. It is available without charge from Sales Service Division, Eastman Kodak Co., Rochester 4, N.Y.

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GAUMONT-KALEE equipment is designed in accordance with accepted current practice in the Industry, and is fully compatible with other approved sound systems.

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