

# New Sustaining Members

**Cinema Product Development Co.,** 2044 Cotner Ave., Los Angeles, CA 90025

Cinema Products is engaged in the design, development, and manufacture of 35mm and 16mm professional motion-picture camera equipment, with heavy emphasis on advanced technology. Original product line featured reflex conversion of BNC, NC, and high-speed cameras using their Academy Award winning pellicle technique. "Cinevid," a high resolution, extremely sensitive, compatible reflex video camera system was added last year. A unique "joystick" type zoom control and crystal controlled motors for almost every type of major 16 and 35mm cameras are recent additions to product line. A lightweight, hand-held, single system 16mm camera, incorporating Auricon centerplate is latest product featured. The company also provides a complete line of retro-focus, fixed focal length, and zoom lenses from manufacturers such as Bausch & Lomb, Kowa, Angenieux, and Canon.

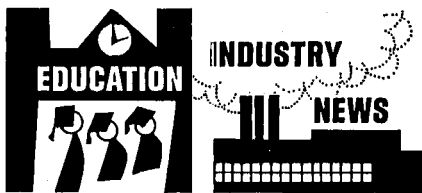
**Address inquiries to:** Ed DiGiulio, President, or Peter Waldeck, Marketing Manager, at above address.

**KEM Electronic Mechanic Corp.,** 225 Park Ave. So., New York, NY 10003

In March 1971, KEM Electronic Mechanic Corp., through its original manufacturing division, Amandus Keller, Hamburg,

West Germany, celebrated its 50th anniversary. KEM Electronic Mechanic Corporation handles the KEM Universal and Rapid Editing Tables and KEM dubbing and transfer equipment. Since the introduction of the KEM Universal in the USA in 1969, this modular, interchangeable and extendible editing system has created something of a revolution in the film industry. Its large picture, clear sound and quiet operation, together with its design, have introduced film editors to a whole new standard of working. Super 8, 16mm, 35mm, and 65/70mm, multi-picture and track combination are all possible on the KEM Universal. In late 1970, KEM standardized automatic AC sync drive at 24 frames/s to allow the table to be used in conjunction with other true synchronous sources. Future developments, including super 16 and other wide-screen formats, are instantly adaptable to all Universal Tables since the essence of the design is modular and developmental efforts can be concentrated on modules alone. KEM Rapid Editing Tables are simple, portable machines. Without the interchangeability or multi-picture possibilities of the Universal series, the Rapid offers an economical editing table with speeds 0-24-100 frames/s. It is available in 2, 4 and 6 plate versions in super 8, 16 and 35mm with single, multiple and composite track combinations, depending on the model. KEM'S dubbing and transfer equipment represent the highest standard available in the audio field. From single film or tape units to full 16/35 dubbing and mixing consoles with video modules, these units can be tailored to any film/sound application.

**Address inquires to:** the address above.



**The American Film Institute,** 1815 H. St., N.W., Washington, DC 20006, has announced an intensive four-week course for educators to be held July 5-30 at the AFI Center for Advanced Film Studies, Greystone, Beverly Hills, Calif. The theme of the course, *The City on Film*, will be explored in an integrated program of screenings, lectures, discussions and study groups. Participants will view films in which the city is presented as protagonist and will also make their own films in and around the city of Los Angeles. Joseph E. Dispenza, AFI Education Programs Manager, and Gerald Temaner, Assistant Professor at the University of Illinois, will conduct the course.

**Wilton R. Holm,** head of the Motion Picture and Television Research Center of the Assn. of Motion Picture and Television Producers, 8480 Beverly Blvd., Hollywood, CA 90048, speaker at the first of a series of ten seminars on technological changes which may affect the future of the film technician, predicted a "wedding" of film and tape. He explained that he visualized original photography on film, a transfer to tape for editing and special effects and a re-transfer to film for exhibition.

The seminar series is sponsored jointly by Film Technicians Local 683 and the Contract Services Administration Trust Fund of the Assn. of Motion Picture and Television Producers. The seminars were

planned to explore job opportunities in cassettes, magnetic tape, holography, kine-scopes and other means of producing electronic images. The seminars are being conducted by Roy Deets and Dave Iwerks of the Education Committee of the SMPTE. Speaker at the May 18 seminar will be Sidney P. Solow, President and General Manager of Consolidated Film Industries, who will speak on "The Lab in the Electronic Age." The final seminar will be on the subject of "What Can You Do About Your Future?" Speakers will be Donald P. Haggerty, Executive Director of Local 683, other union officials and representatives of Columbia College.

**Six scholarships** will be awarded to film students, it was announced by Prof. Howard Suber, Scholarship Chairman of the University Film Assn. Winners will be chosen on the basis of film or written work submitted. The awards are: two McGraw-Hill Book Company Scholarships, one of \$1,000 and the other of \$500; the White House News Photographers Assn. Scholarship, \$1,000; the University Film Assn. Minority Scholarship, \$500, donated by UFA member Rose Blyth Kemp to encourage members of minority groups to pursue careers in film; the Ken Edwards Scholarship, \$500, donated by UFA member John Flory; and the UFA Scholarship, \$500. Further information is available from Prof. Howard Suber, c/o UCLA Motion Picture Div., Los Angeles, CA 90024.

**Seton Hall University** has announced the third annual Summer Instructional TV Workshop to be held Mondays through Thursdays beginning July 6 and ending July 29. The workshop is intended to provide a thorough orientation to instructional television including organization and planning, production techniques,

utilization in the classroom and other learning situations. It includes lectures, discussions, screening and critiques of films and videotapes as well as scripting, producing and directing educational programs in SHU-TV's new television center. Guest lecturers will discuss various aspects of educational television. The course awards six graduate credits. Further information is available from Robert J. Allen, Assistant Professor, Dept. of Communication, Seton Hall University, South Orange, NJ 07079.

**More than 4100 feature films** were produced throughout the world in 1969, it was reported by Tom Hope, of Hope Reports, 58 Carverdale Dr., Rochester, NY 14618, on April 20 at Photo Expo in Chicago. Japan led in national output with 494 full-length productions followed by India (308), Italy (301), the United States (300), Taiwan (246), Korea (229), Turkey (224), France (173), Hong Kong (169) and the Phillipines (169). These ten countries accounted for 64% of all known feature film productions, Mr. Hope said. His report was part of a Symposium on Imaging in the 70s conducted by the Society of Photographic Scientists and Engineers. He discussed the probable future of the motion picture with special emphasis on 8mm and its relation to video cassettes. A complete analysis will be included in a study of motion pictures and video cassettes to be published as one a new series of reports to be released by Hope Reports this summer. The annual market report, *AV-USA 1971*, will be available about July 1.

**Abstracts of Photographic Science and Engineering Literature (APSE)** is published by Graphic Arts Research Center, College of Graphic Arts and Photography, Rochester Institute of Technology, Roch-



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ester, NY 14623, for the Society of Photographic Scientists and Engineers (SPSE), 1330 Massachusetts Ave., N.W., Washington, DC 20005. *APSE* publishes about 7,000 abstracts each year covering technical journals, photographic patents, technical meeting proceedings, U.S. Government Research and Development Reports and other technical abstracting services. *APSE* monitors more than 350 United States and foreign language publications and patents from 36 countries. More than 100 volunteer abstractors provide the abstracts and translations. In each issue of *APSE* the abstracts are arranged under subject headings, indexed and cross referenced. *APSE* Editor is Tom Hill. Deane R. White is Chairman of the Publication Board. Further information, including subscription rates is available from SPSE. A brochure giving details about the contents, coverage and usefulness of *APSE* is available upon request.

Also available from SPSE is a brochure, *Publications From SPSE*. Illustrations and descriptions of the publications are included.

**Ford Motor Co.** will offer \$4,750 in cash awards for a 60-second film competition to be conducted as part of the 7th Annual Chicago International Film Festival. Theme for the contest is "Freedom is . . ." In addition to the cash awards for the top five entries and for the best student productions, selected films will be distributed nationally without charge through the Ford Film Library. Entries may be 16mm or 35mm, color or black-and-white, silent or sound. Only optical soundtracks will be accepted. Further information is available from the 7th Annual Chicago International Film Festival, 12 East Grand Ave., Chicago, IL 60611.

**Temple University School of Communications and Theater** will offer four international seminars in communications to college graduates during the summer. A seminar in Mass Media will be held June 13-July 23 in Mexico. It will be conducted by Bruce Underwood, Chairman of Temple's Journalism Dept. A seminar on International Broadcasting will be held July 5 to Aug. 13 in Geneva, Switzerland. It will be directed by Charles Sherman, Associate Professor of Speech at the University of Wisconsin. Two seminars, one on Motion-Picture Film and the other on Still Photography, will be held July 5 to Aug. 13 in London in association with the British Film Institute. The seminars will be conducted by Raymond Fielding, Professor of Communications at Temple, and Kenneth Adam, former head of BBC television and a visiting professor at Temple. Further information is available from Dr. Gordon Gray, Director of International Seminars, School of Communications and Theater, Temple University, Philadelphia, PA 19122.

**International Correspondence Schools**, Dept. of Curriculum Development, Scranton, PA 18515, has announced two new courses: the Cable TV Installer; and Solid-State Electronics. The Cable TV course covers the origin and development of the

CATV industry, operation of a CATV system and practical instruction on installation and maintenance.

**Almost 4,000 technicians** completed training courses given during 1970 by Gevaert-Agfa N.V., Septestraat 27, B-2510 Mortsel (Antwerp), Belgium. Most of the technicians attended the Agfacolor school where 48 practical training courses were given for more than 1 000 students. A course on Graphic Products was attended by 717 students and a course on Medical X-Ray was attended by 358 students.

**The International Medical Film Festival 1971** will be held August 23-27 at the University of Queensland, Brisbane, Australia, in conjunction with the Fourth Australian Medical Congress. Film will be shown in competition for Australian Medical Assn. merit awards of gold, silver and bronze medals. Films have been accepted for competition from the United States, Italy, England, France and Germany as well as from Australia. Further information is available from Dr. W. Monz, M.B.K.S., Organizer IMFF'71, Australian Medical Assn., Brisbane, Australia.

**A total of 3,942 American National Standards** and 1,837 international recommendations are listed in the 128-page 1971 catalog published by American National Standards Institute, Inc., 1430 Broadway, NY 10018. The catalog includes American National Standards approved by ANSI during 1970 and international recommendations received from the International Organization for Standardizations (ISO), International Electrotechnical Commission (IEC), International Commission on Rules for the Approval of Electrical Equipment (CEE) and the Pan American Standards Commission (COPANT). Standards listed in the catalog include dimensions, ratings, terminology and symbols, test methods and other criteria applicable to the whole industrial economy.

**The Alexander M. Poniatoff Award** has been presented to Charles Coleman, Senior Staff Engineer, Video Engineering Dept., Video Products Div., Ampex Corp., 401 Broadway, Redwood City, CA 94063. The award is presented annually to an Ampex scientist or engineer who has accomplished a significant scientific breakthrough or has developed a process, device or mechanical innovation which has made a major contribution to the technical excellence of Ampex. Mr. Coleman had the major responsibility for time-base compensation and high-band recording which made possible the Ampex Model VR-2000 color broadcast videotape recorder. Mr. Coleman also is credited with inventing the time-base correction techniques used in the Ampex AVR-1 "third generation" color broadcast videotape recorder designed to permit automation of television stations and networks and television production companies.

**A new color television studio** has been established at Headquarters Aerospace Audio-Visual Service (AAVS), Norton Air Force Base, CA 92409, it was an-

nounced by Maj. Douglas Letnes, Chief of the AAVS television division. The TV studio crews will use much of the existing talent of AAVS. The technical staff—engineers and maintenance personnel—will be a permanent part of the new studio, the announcement stated.

**Fred A. Niles Communications Centers, Inc.**, of Chicago, has established a new sound facility which is available for sound services rental, it was announced by Frank Richter, head of the Sound Dept. Equipments include two new mixing consoles and 35mm sound re-recording equipment.

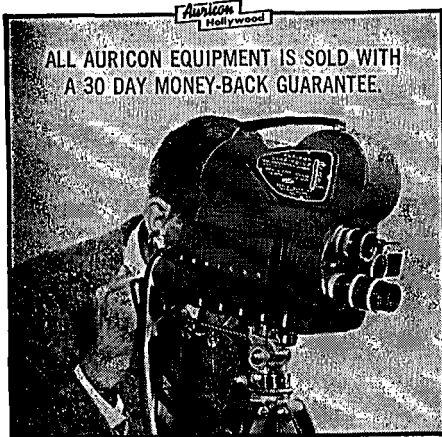
**Rent-A-Camera**, 125 N. La Brea Ave., Los Angeles, CA 90036, is a new firm founded by Alex Gordon to specialize in renting still and motion-picture equipment, such as cameras, lighting projectors and accessories. The emphasis will be on lightweight equipment to appeal especially to young, creative filmmakers.

**A general purpose, solid-state amplifier** for microwave frequencies beyond the reach of transistors has been developed at the RCA Laboratories in Princeton, N.J. The new device has separate input and output terminals, or ports, similar to conventional transistors. A novel type of solid-state traveling wave amplifier, the new GaAs device provides sub-nanosecond phase and amplitude switching that make it desirable for coding and modulating microwave radar and communication signals. The amplifier also provides electronic phase shifting, eliminating the need for large numbers of individual phase-shifting devices in phased array radars. Heart of the amplifier is a 1- $\mu$ m-thick layer of n-type gallium arsenide grown epitaxially on an insulating gallium arsenide substrate. The device is fabricated using the standard photoresist-etching technique employed in the large-scale manufacture of monolithic integrated circuits. As the input signal enters the n-type gallium arsenide it creates space charge waves in the semiconductor which is electrically biased to produce the transferred electron (Gunn) effect. As a result, the waves grow exponentially with distance as they travel through the gallium arsenide to the output port. The amplifier is still in the research stage.

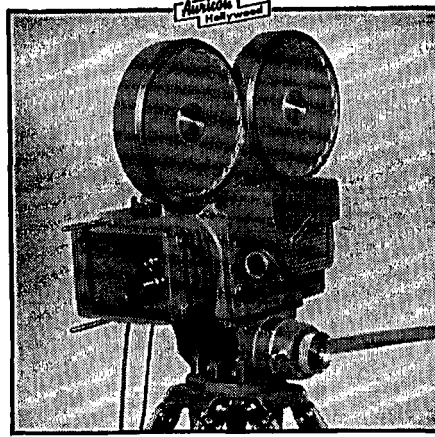
**Bebell and Bebell**, 416 W. 45 St., New York, NY 10036, has announced that is has the capability of applying silver soundtrack on the Eastman Kodak 16mm Ektachrome R Reversal Print Film 7389. Filmmakers can get Kodachrome sound quality with the advantage of using the lower picture contrast of Ektachrome 7389. Either film stock can be printed from the same optical track.

**Sarkes Tarzian, Inc.**, Broadcast Equipment Div., East Hillside Dr., Bloomington, IN47401, will market, in the United States, color television cameras produced by Fernsch GmbH of Darmstadt, Germany, according to terms of a recent agreement. The KCU 40 Fernsch color camera operates with a 0.25-in camera cable. It is reported to produce studio quality pictures at 5 fc with better than 40-dB SNR.

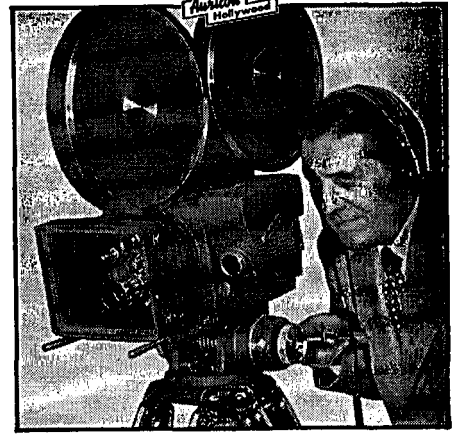
# AURICON 16mm Sound-On-Film for Professional Results!



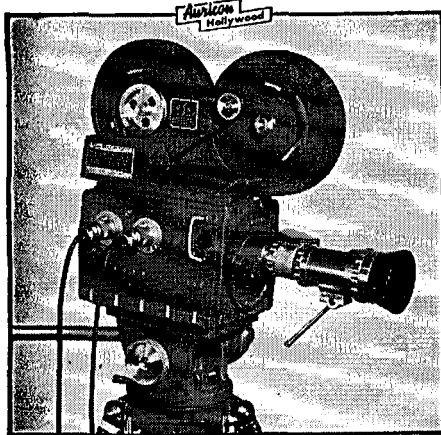
"CINE-VOICE II" 16 mm Optical Sound-On-Film Camera.  
 ★ 100 ft. film capacity for 2¾ minutes of recording; 6-Volt DC Converter or 115-Volt AC operation. ★ \$1180.00 (and up).



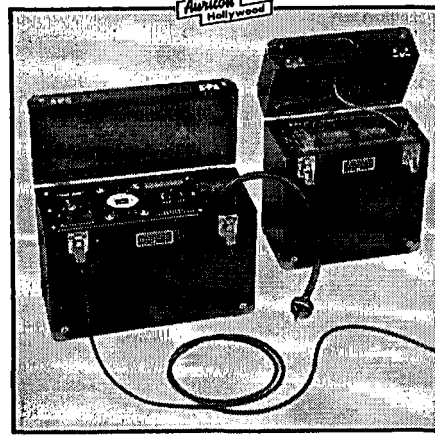
"AURICON PRO-600" 16mm Optical Sound-On-Film Camera.  
 ★ 600 ft. film capacity for 16½ minutes of recording. ★ \$1820.00 (and up) with 30 day money-back guarantee.



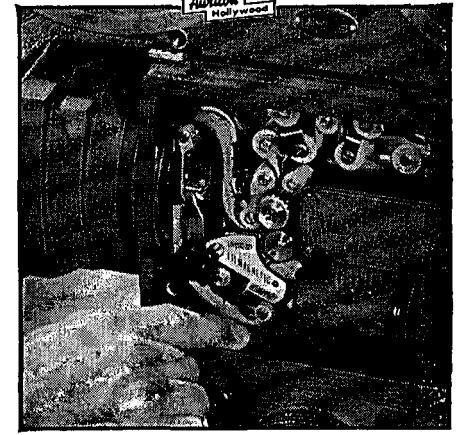
"SUPER 1200" 16 mm Optical Sound-On-Film Camera.  
 ★ 1200 ft. film capacity for 33 minutes of recording. ★ \$6425.00 (and up) complete for "High-Fidelity" Talking Pictures.



"PRO-600 SPECIAL" 16mm Light-Weight Camera.  
 ★ 400 ft. film capacity for 11 minutes of recording. ★ \$1620.00 (and up).



PORTABLE POWER SUPPLY UNIT — Model PS-21... Silent in operation, furnishes 115-Volt AC power to drive "Single System" or "Double System" Auricon Equipment from 12 Volt Storage Battery, for remote "location" filming. ★ \$337.00



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If it's profit you're after in the production of 16 mm Sound-On Film Talking Pictures, Auricon Cameras provide ideal working tools for shooting profitable Television Newsreels, film commercials, inserts, and local candid-camera programming. Now you can get Lip-Synchronized Optical or Magnetic Sound WITH your picture using Auricon 16 mm Sound-On-Film Cameras. Precision designed and built to "take it."

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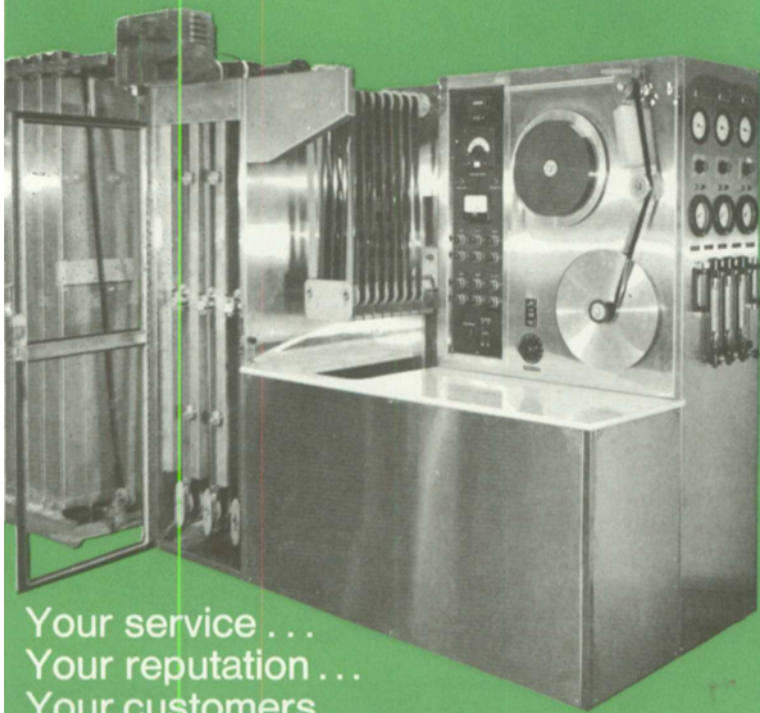


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- We leave the design compromise ... the second-best parts ... the "good enough" materials ... and the bargain prices, to others.
- HI-SPEED customers know they're getting the finest processors money can buy ... and we wouldn't have it any other way. They get new, proven technology such as the new\* "Overdrive Demand Drive System," a distinct advance, a cut above the rest.
- HI-SPEED Color Processors, like the one shown above, have high quality construction throughout. All parts and materials are the best available ... corrosion-resistant, and designed to provide the smoothest, most accurate processing at any desired operating speed. They can process both 16 and 35mm film interchangeably in the same tanks, and can be furnished to handle Eastman Color, Ektachrome or any other Color Reversal. HI-SPEED processors can be adapted to handle your special needs ... today and in the future, as you grow.
- HI-SPEED backs up what it sells — and it sells a full line, including Silver Recovery Cells, Silver Recovery Towers and Argentometers.
- If you want processing equipment you can rely on day after day, year after year, follow the lead of many successful labs throughout the country ... investigate HI-SPEED today. Write for complete details.



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**TeleMation, Inc.**, P.O. Box 15068, Salt Lake City, UT 84115, has formed two new operations, both based in London, to serve Europe, Africa and the Middle East. TeleMation Ltd. will market the firm's complete line of television products throughout the United Kingdom and TeleMation International will sell to distributors in Europe, Africa and the Middle East. Many products in the current line are being converted to CCIR-PAL standards for European operations and new products will be developed specifically for the European market, the announcement stated.

**The Agfa-Gevaert Processing Laboratory**, a new color processing laboratory, has been opened at Glendale, Calif., it was announced by Gevaert-Agfa N.V., Sep-testraat 27, B-2510 Mortsel (Antwerp), Belgium. (Representative in the United States is Agfa-Gevaert Inc., 275 North St., Teterboro, NJ 07608.) The new laboratory is on a building site of 5,500 m<sup>2</sup> and buildings occupy an area of 1,850 m<sup>2</sup>. The new laboratory, intended for processing films from the western United States (from Alaska to the Hawaiian Islands) has a working capacity of 2,000 films daily and represents an investment of about \$1 million.

**Bellevue-Pathé Systems Ltd.** is the exclusive CBS sales representative in Canada for EVR cassette processing according to terms of a recently announced agreement. An agreement with Marlin Motion Pictures Ltd. of Toronto for the marketing of the EVR system to Ontario educational institutions was also announced.

**Dolphin Productions, a Div. of Computer Image Corp.**, 666 Fifth Ave., New York, NY 10019, has installed a new electronic system for recording computer animation directly on videotape in color. Linked to the firm's Scanimate computer, the system creates and records animated images in color on videotape instantly. Unlike the film Scanimate which creates graphics in 3-dimensional motion on black-and-white high-contrast film with color added on finishing, the Scanimate Direct Color system (SDC) obtains the colors simultaneously with the animation. Up to five images can be converted into electronic signals by the computer, then animated and fed into the new color-adding console. Here, the animated sequences are "painted" on the spot in any desired combination of five colors. To accomplish this the artist or director manipulates the dials on the console until he creates the desired color combination, which is viewed immediately on the color video monitor in the room.

**Marconi Electronics Inc.** has been newly established in Elmsford, N.Y., it was announced by GEC-Marconi Electronics Ltd., Marconi House, Chelmsford, Essex, England. The new company was established primarily to provide on-the-spot support for the United States activities of

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winner's  
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Marconi Communication Systems; it will also be available to handle other interests of the GEC-Marconi Group. Tom Mayer, Managing Director of Marconi Communication Systems, has been appointed President of Marconi Electronics Inc. Executive Vice-President is Frank Cassidy, formerly Executive Vice-President of Marconi Philippines Inc.

**Kodak-Pathé**, Chalon (Saône-et-Loire), France, has announced plans for a new building for finishing and treating films for the radiography industry and the medical radiography market. Plans were also announced for a new group of installations for emulsion coating. The company was

established in 1961. Buildings housing its various operations cover 300 acres.

A new **Bolex production plant** has been established in Furstenfeld, Austria. The parent company is Bolex International S.A., Sainte-Croix, Switzerland. The new company is one of four that manufacture Bolex super-8 and 16mm cameras and projectors. The new factory covers 430,000 ft<sup>2</sup> and employs 487 people. Bolex cameras and projectors are distributed exclusively in the United States by Paillard Inc, 1900 Lower Rd., Linden, NJ 07036.

**Beaumont Newhall** has announced his resignation as Director of George Eastman

House in Rochester, effective July 1. In the fall he will become Visiting Professor of Art at the University of New Mexico. Mr. Newhall has been with George Eastman House since 1948, first as Curator and, since 1958, as Director. He is the author of nine books on photography and more than 400 articles which have appeared in European and American magazines and encyclopedias. He will be succeeded as Director by Van Deren Coke who has been Deputy Director since July 1970. He was formerly Chairman of the Department of Art at the University of New Mexico.

**Charles E. Cripps** has established a new firm at 558 E. Channel Rd., Santa Monica, CA 90402, where he will provide film processor and soundtrack modifications and installations. He was formerly with Houston Fearless Corp. and with Cintel Corp.

**Lee Harrison III** has been elected President of Computer Image Corp., which has its corporate headquarters in Beverly Hills, Calif., and engineering headquarters in Denver, Colo. He succeeds Bruce L. Birchard who resigned as President to assume responsibilities of directing the company's entry into international markets. John R. Hurley has been elected Vice-President of Corporate Development. Francis J. Honey, Vice-President of Engineering and Manager of the Denver facility, has been named to a third and newly-created position of Manager of Research. Mr. Harrison and Mr. Birchard will maintain offices in Beverly Hills. Mr. Honey's office is located in Denver at 2475 West Second Ave. Additional development of the Computer Image Caesar system, which is capable of generating conventional-appearing character animation, will be carried out in Denver.

**Harold P. Bolton** has been appointed Project Manager to head Technicolor's Texas Operations, Manned Spacecraft Center, P.O. Box 58863, Houston, TX 77058. He was formerly Deputy Project Manager of the Technicolor Florida Operations at the Air Force Eastern Test Range and the NASA John F. Kennedy Space Center.

**Robert W. Flanders** has been elected President of the Society of Broadcast Engineers, succeeding Lewis D. Wetzel. Richard T. Monroe is the newly elected Vice-President and the new Directors are Steve de Satnick, Fred L. Street and John T. Wilner.

**Shanley J. Wilde** has been appointed Vice-President-Controller of the Electro-Optical Div. of Kollmorgen Corp., Northampton, MA 01060, it was announced by Herbert E. Torberg, Division President. Mr. Wilde joined Kollmorgen in 1969 as Controller. He was formerly with General Electric Co.

# W.R.E. SUPER-8 TRANSFER

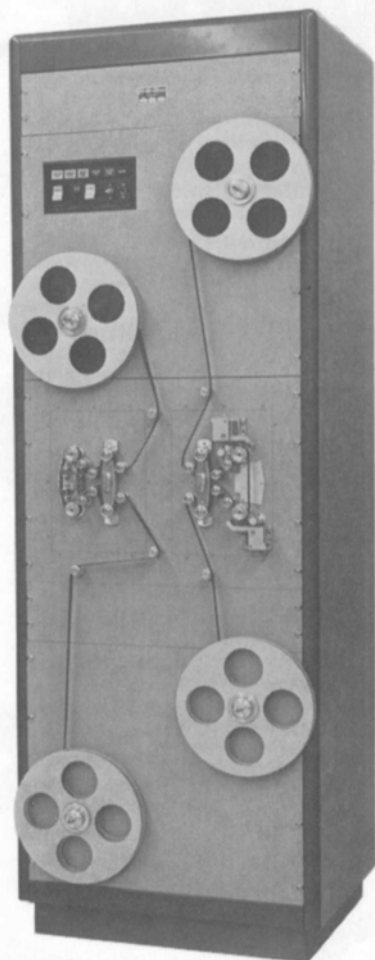
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