EDUCATION INDUSTRY NEWS

Inside one of the Michael Myerberg Studios; stage set for a scene in "The World of Henry Orient."

Three rusting airplane hangars abandoned on a 10-acre plot in Garden City, L.I., N.Y., were acquired by Michael Myerberg and, after considerable remodeling, are now serving as sound stages. Eventually they are expected to form the nucleus of a 15-studio complex.

The main remodeling problem concerned acoustics, in particular, noise control. In remodeling the three hangars (each 120 by 143 ft), the architects relied heavily on the use of Fiberglas noise-control ceiling board (manufactured by Owens-Corning Fiberglas Corp. of Toledo, Ohio) for sound conditioning.

The first building completed used 4- by 4-ft Fiberglas mat-faced ceiling board with 3-in. Fiberglas Sonobatts above. Over this was placed 6 in. of blanket insulation. Walls were insulated with Fiberglas over which was stapled sound-absorbing fabric. The second and third hangars were remodeled in a similar way, except that Fiberglas ceiling used was 2- by 4-ft textured board. A simple, flat suspended ceiling of Fiberglas acoustic board proved successful for the sound stages in terms of clarity of sound. The walls of the hangars were 16 in. thick, so Fiberglas was placed over the walls to eliminate reverberation. Double walls of 2-in. batt were provided for interior partitions.

The main problem, according to architect John McNamara, was to prepare the ceilings of the hangars acoustically. All three of the old buildings had steel trusses with roofs of corrugated metal. This construction was retained and a ceiling suspended below. Nine inches of insulation was installed above the suspended ceiling to deaden transmittal of sounds from outside. Old metal doors were furred and the areas between the furring were filled with 5 in. of Fiberglas. A second set of doors was built for the exterior to cut noise penetrating through the joints of the original doors.

According to Mr. Myerberg, satisfactory acoustic conditions were achieved in a few weeks by the remodeling techniques employing Fiberglas.

University Film Producers Assn. has announced its officers for 1965–66. Frank R. Paine, head of film production, Southern Illinois University, Carbondale, Ill., is new UFPA President. He succeeds Oscar E. Patterson of the University of Southern California. Previously UFPA Vice-President, Mr. Paine is a member of the Educational Media Council and was recently elected to its Board of Directors. Other UFPA officials are: Executive Vice-President, Jesse L. Senn, head of motion-picture production, Purdue University; Editorial Vice-President, Robert W. Wagner, Director, Motion Picture Div., Ohio State University; Conference Vice-President, William A. Drake, Production Manager, Motion Picture Div., Ohio State University; Secretary, Luella Snyder, Educational Consultant of Winnsboro, La.; and Treasurer, J. Sol Wrenn, Assistant Supervisor, Film Production, Virginia Department of Education.

Robert E. Birr of General Electric Co. has been re-elected President of the Society of Photographic Scientists and Engineers (SPSE) for a two-year term, 1965–1967. Other officers re-elected are: Conference Vice-President, Howard J. Hall; Science and Engineering Vice-President, Hutson

K. Howell; Editorial Vice-President, Louis Rosenblum (all of Itek Corp.); and Secretary-Treasurer, Howland Pike (retired from General Aniline & Film Corp.).

Officers newly elected are: Western Area Vice-President, George W. Boemler, Kalvar Corp.; Eastern Area Vice-President, Jaromir Kosar, Ulano Companies; and Financial Vice-President, Richard W. Swenson, Du Pont Photo Products.

The Godlove Award of the Inter-Society Color Council was presented to Isay Balinkin, Professor of Experimental Physics at the University of Cincinnati, at the Council's 1965 annual meeting in New York. The award, established in memory of Dr. I. H. Godlove, has been presented biennially since 1957 for "outstanding contributions to the knowledge of color . . ." The four previous recipients are Deane B. Judd, Ralph M. Evans, Dorothy Nickerson, and David L. MacAdam. Dr. Balinkin was cited for his work on uniform color scales, color tolerances, color uniformity control, and teaching aids.

Interdata 65, announced as the largest international exposition of information processing equipment ever to be held in the United States, was held in May during the triennial meeting of the International Federation for Information Processing (IFIP Congress 65) in New York. Congress headquarters were located at 345 E. 47 St., New York, N.Y. 10017. A collection of 21 films, called Information Sciences Cinema, was shown as part of the exhibition.

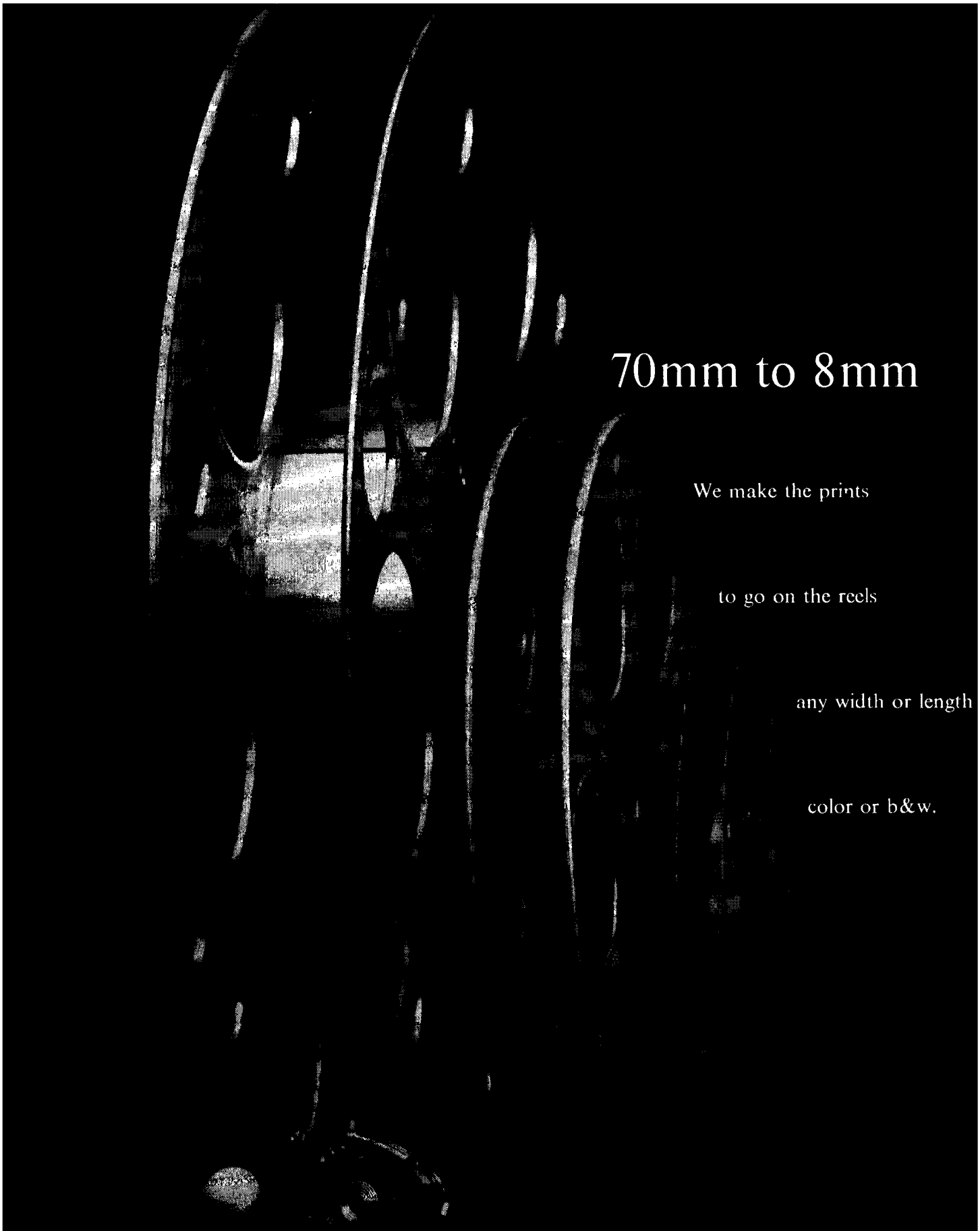
The film program covered a diverse group of topics ranging from *Computing for Fun*, a color film produced by Bell Telephone Laboratories which shows how computer music is made, to *The Living Machine*, a black-and-white film produced by the National Film Board of Canada which demonstrates the "artificial intelligence" of machines. Other interesting films shown at the Information Sciences Cinema included *Mark of Man*, a color film produced by Stromberg-Carlson, which traces the history of man's efforts to record information from marks made on walls of caves through the development of mechanical printing devices to high-speed recording of computer data by cathode-ray tube; *Inquiry*, a color film produced by IBM which shows the role of modern data processing in key functions of government and society, together with some of the philosophical concepts underlying data processing developments; and *Teaching Machines and Programmed Learning*, produced by Norwood Films in black-and-white, which shows a discussion by three of the leading people in this field. The discussion is illustrated by sequences filmed in classrooms and laboratories.

The 7th American Film Festival sponsored by the Educational Film Library Assn., 250 W. 57 St., New York, N.Y. 10019, was held in April in New York City. Blue Ribbon Awards were made to 41 films and 10 filmstrips. An unusual number of television films appeared on the lists of 1965 Blue Ribbon Award winners. Among them, *Christmas in Appalachia* (CBS); *Four days in November* (Wolper Productions); *The Louvre* (NBC News); Film 123 from the NET series *Parlons Français; The Red, White and Blue* (NBC project 20); and *Scott's Last Journey* (BBC-TV).

The Fourth Annual Independent Film-Makers Festival was held in May at Foothill College, 12345 El Monte Road, Los Altos Hills, Calif. More than 100 films were entered in competition and about 25 films were chosen for showing during the Festival. Among the eminent judges of competing films were King Vidor, major figure in American films for the past 40 years, and Arthur Knight, author of *The Liveliest Art.*

The 74th International Exposition held by Professional Photographers of America, Inc. (PP of A), took place May 2–7 in New York. The exposition was held concurrently with the PP of A 13th National Industrial Photographic Conference. Highlighting the exposition was a display of "best" photographs made in 1964 in Portrait, Commercial and Industrial divisions. A special cinematography program was presented, headed by Stan Weisenfeld of the Corning Glass Works. The program included a panel discussion of the pros and cons of the one-man photographic department.

Golden Eagle awards to 111 films in 38 subject categories have been announced by



70mm to 8mm

We make the prints

to go on the reels

any width or length

color or b&w.

De Luxe Laboratories, Inc., 850 Tenth Avenue, New York, New York 10019 (212) CI 7-3220
1418 North Western Avenue, Hollywood, California 90027, (213) HO 9-3141
General Film Laboratories, 1546 North Argyle, Hollywood, California 90028 (213) HO 2-6171
(a division of De Luxe Laboratories, Inc.)

the Council on International Nontheatrical Events (CINE), 1201 16th St. N.W., Washington, D.C. 20036. Golden Eagle films are those chosen by CINE to represent the United States at various international motion-picture events. More than 500 films were screened by CINE for participation in 1965 events. Last year 119 films were chosen from a total of 350 submissions. Higher standards of selection inaugurated this year accounted for the smaller number of films chosen for 1965. According to CINE President, Willis H. Pratt, Jr., a significant number of films on subjects having to do with science, medicine and dentistry were submitted, while fewer experimental and avant garde films were offered than in previous years.

Typical of Golden Eagle films is *Food the Color of Life*, a 23-min color film produced by Reid H. Ray Film Industries, Inc., for the National Dairy Council in Chicago. This film, produced on location, includes 6 min of animation.

A uniform subject arrangement for the announcement and distribution of U.S. Government scientific and technical reports has been endorsed by the Committee on Scientific and Technical Information (COSATI) of the Federal Council for Science and Technology. The list consists of 22 major subject fields with a further subdivision of the fields into 178 groups. For announcement or distribution purposes, abstracts, citations and the like can be gathered into the subject fields or groups for display. The Cosati Subject Category List (Order PB 166877N) can be obtained from the Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151. It contains 60 pages and is priced at $1.00.

Video International Productions, P.O. Box 23464, Johannesburg, South Africa, is a new firm organized by Geoffrey Mangin to produce nontheatrical films for South and Central Africa south of the Congo. Mr. Mangin is National Regional Chairman of the Papers Committee for Central Africa. (His address is 6, Minnie Mansions, Hamilton St., Pretoria, South Africa.)

For many years Mr. Mangin was senior member of the Rhodesian Government's Central African Film Unit. He formed the Associated Rhodesian Television and Film Services in Salisbury, concentrating on television material and sponsored films. Last year he helped to organize the new South African National Film Board in Pretoria. According to Mr. Mangin, there is a growing demand for industrial films in South and Central Africa. His new organization will also do some work for Rhodesian and overseas television services. Although television is not now permitted in the Republic of South Africa, Mr. Mangin predicts that the ban will be lifted within two years, possibly beginning next year with educational television. In 1958, he made a trip to the United States to present a paper at the Detroit Conference on "Film Production in Central Africa."

The Road Show Service of Sound-Services Ltd., Wilton Crescent, Merton Park, London SW 19, England, consists of a fleet of 16mm mobile projection units

UNILOCK

A COMPLETELY NEW UNIVERSAL INTERLOCK SYSTEM FOR SYNCHRONIZED PLAYBACK OF TAPE AND FILM DEVICES

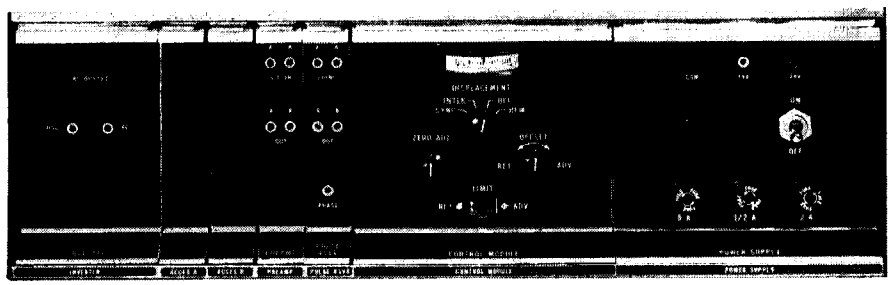
UNILOCK is a new RCA-developed electronic interlocking system which permits tape and film devices to operate synchronously, with the same degree of accuracy as sprocketed mechanisms.

UNILOCK adds a new degree of playback ease and efficiency to radio, television and film recording assignments — "on location" sound recording, field interviews, editing and updating audio tracks on television tapes or film material. With **UNILOCK**, interlocked playback of any audio tape recorder, television tape recorder, sound film reproducer or television film projector from standstill to synchronous speed is a workable reality instead of a production problem.

UNILOCK permits maintaining a locked condition by comparing pulse counts on tape or sprocketed devices connected to the system. A difference signal is obtained and correction is made by controlling the speed of one of the machines. A special feature of **UNILOCK** is its memory storage capability of ±100 frames. This non-volatile memory stores errors indefinitely, without regard to power removal or "start-stop" operation.

UNILOCK is a reliable, fully transistorized system of plug-in modules which occupies just 5¼ inches of space in a 19-inch rack. Installation is easily handled since few connections are required to make the **UNILOCK** system operative.

UNILOCK will substantially improve your tape, film or sound operation... at a surprisingly modest cost. To learn how, call or write: Dept. 806, RCA Broadcast and Communications Products Division, 2700 West Olive Avenue, Burbank, California 91505; or 36 West 49th Street, New York, New York, 10020.



The Most Trusted Name in Electronics

manned by skilled projectionists. The service operates from a network of bases, controlled from Sound-Services headquarters in England, Scotland, Wales and Northern Ireland. A Sound-Services Road Show Conference was held recently in London where it was reported that during the past two years, the Road Show carried about 10,000 programs in 16mm to an audience of about 700,000 viewers. In most instances the Road Show Organization assembled the audiences as well as providing projection units and operators. Also discussed at the Sound-Services conference were ways and means of attracting audiences of the younger age groups to see sponsored films.

Sound-Services is Europe's largest library of sponsored films, with 30 years experience in showing films to audiences not equipped with 16mm projectors.

A $10 million CBC broadcasting center is one of the permanent buildings to be erected on the site of the 1967 World Exhibition (EXPO) in Montreal, Canada. The building will provide complete facilities for worldwide distribution of radio and television programs and will be available for use by all broadcasting media in and outside Canada. The center is planned for operation 18 hours a day, seven days a week during the 26 weeks of EXPO. Visitors will be able to watch broadcasting operations from the outside through one-way glass. Inside, guided tours will be available and the main TV studio will have room for a live audience.

F&B/Ceco, Inc., 315 W. 43 St., New York, N.Y. 10036, has announced completion of the firm's first film studio in the Miami, Fla., area. The announcement emphasized that the firm (described as the "largest renters of motion-picture production equipment in the world") does not produce films but is interested solely in services to producers. The studio is located in the same 16,000 sq ft building as the equipment rental department. The sound stage measures 50 by 75 ft. Convenience to producers in having studio and a $5 million supply of equipment under the same roof is stressed in the announcement. The producer pays only for rental of equipment actually used with no transportation charges; all equipment is "backed up" by duplicate equipment to eliminate delays due to mishaps.

The firm also announced plans for a new building covering a 20,000 sq ft area with construction expected to begin in September. A new F&B/Ceco branch has been established at William Saltzman Motion Picture Enterprises, Inc., 6446 Santa Monica Blvd., Hollywood. New agencies are also to be established in Chicago and in Washington, D.C.

The Allenized video-tape recorder has been supplied by Visual Electronics Corp., 356 W. 40 St., New York, N.Y. 10018, for the film-to-tape transfer process for in-flight motion pictures. The process is used for American Airlines Astrovision and Videoflight, Inc., a subsidiary of the Sony Corp. of America. Wide-screen feature films will be recorded by a special process to accommodate the television picture 3 by 4 aspect ratio on a Quadruplex video-tape recorder to provide masters, which will then be dubbed on Sony helical scan recorders for multiple copies for use in playback on Sony-equipped jet liners of the American Airlines and Pan American fleets.

A new line of Birns & Sawyer tripods is distributed by Motion Picture Camera Supply, Inc., Suite 909, 630 Ninth Ave., New York, N.Y. 10036. The firm is Eastern Representative of Birns & Sawyer Cine Equipment, 6424 Santa Monica Blvd., Hollywood, Calif. 90038.

Bell & Howell Ltd., Brentford, Middlesex, England, a subsidiary of Bell & Howell Co., Chicago, has formed a Professional Equipment Division which will be responsible for marketing Bell & Howell equipment throughout the world. Manager of the new Division is Dennis Robertson. Equipment to be marketed includes the award-winning automatic additive color printer and Bell & Howell Eyemo cameras.

Norman Garrell has joined the staff of Birns & Sawyer Cine Equipment Co., 6424 Santa Monica Blvd., Los Angeles, Calif. 90038, in the Rental Dept. Mr. Garrell has had considerable production experience in the United States, Europe and the Far East as motion-picture and newsreel cameraman and writer.

Richard H. Hodges has been appointed Sales Manager-Original Equipment Manufacturers for the Photolamp Operation of Sylvania Electric Products Inc., 730 Third Ave., New York, N.Y. 10017. Mr. Hodges

has been with Sylvania since 1953. He will make his headquarters at the company's Danvers, Mass., Engineering Laboratory.

Changes in Wilding's corporate management have been announced by H. Williams Hanmer, formerly President of Wilding Inc., Chicago, and presently (since June 1) Chairman of the Board. Mr. Hanmer now plans to devote more time to long-range planning for the firm. Successor to Mr. Hanmer as President and Chief Executive Officer is Robert C. Ausbeck, formerly Assistant to the President. Daniel B. Gallagher, formerly Vice-President in charge of the firm's Detroit Branch is Executive Vice-President; and William R. Winn, formerly Vice-President and Executive Producer, now fills the newly created post of Senior Vice-President and Corporate Creative Director.

Peter A. Jensen has been appointed Sales Manager of Macbeth Sales Corp., Newburgh, N.Y. He was formerly Assistant Sales Manager. He has been with the firm since 1961 and currently directs the marketing of compact high-intensity light sources for solar simulation, searchlights, projection systems, and precision instruments. Prior to his affiliation with Macbeth, Mr. Jensen was Liaison Engineer with Western Electric Co. He had also served on the Optical Research Staff of Technicolor Motion Picture Corp. in Hollywood

Robert E. Lauterbach has been appointed Manager, Broadcast Sales for General Electric Visual Communication Products, 7-315 Electronics Park, Syracuse, N.Y. 13201, as part of a headquarters realignment planned for increased service to customers. Mr. Lauterbach succeeds John Wall, who was recently appointed to the new position of Manager, Industry Relations for G-E Visual Communications Products.

Don Davis has been appointed Sales Manager for the expanding audio controls line of Altec Lansing Corp., a Subsidiary of Ling-Temco-Vought, Inc., 1515 S. Manchester Ave., Anaheim, Calif. Mr. Davis has been with Altec Lansing since 1959.

Superconductivity has been discovered in compounds of graphite and alkali metals by scientists at Bell Telephone Laboratories, it has recently announced. The announcement pointed out that this is the first time that carbon structures, rather than interstitial carbon atoms, have been directly involved in superconductivity. The superconducting compounds consist of layers of either potassium, rubidium, or cesium atoms interleaved with layers of carbon. For these compounds, the critical magnetic field — the field required to destroy superconductivity — depends on its direction through the material. Fields in the plane of the carbon layers must be stronger to quench superconductivity than fields cutting across the layers. This dependence of the critical field's orientation with respect to the structure is greater in graphite compounds than in any other superconductor. The temperatures at which the compounds were found to become superconductive range from 0.020 to 0.55 K.

Inspect every foot before it leaves your plant with the HFC High Speed Heavy Duty Inspection Projectors -- 16mm & 35mm models now available.

NEW

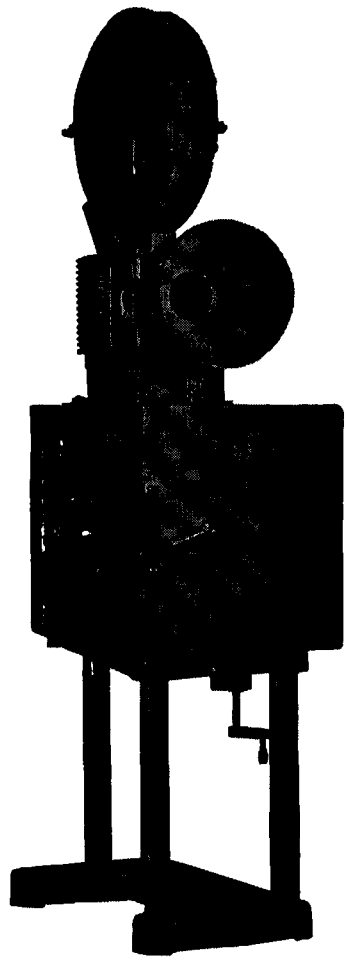
The projector is a converted front shutter Simplex with a two pin intermittent. 16mm or 35/32 film runs at a speed of 144 ft. per minute while 35mm film runs at a speed of 165 ft. per minute.

1. A variac controls the light intensity.
2. A 500 watt lamp is used for 16mm and a 1,000 watt for 35mm (a blower is used to cool the lamphouse).
3. A 2½ inch projection lens is furnished with each unit.
4. A start-stop lever controls the power to the lamp and motor.
5. The magazine and take up core takes up to 3,000 ft. of film.
6. Upper guide rollers are made to handle the film from either direction of the feed reel.
7. A free wheeling take off flange is provided in the magazine.
8. A lamp near the takeup reel permits hand inspection of the film prior to takeup.

NOUVEAU

Le projecteur contient un obturateur Simplex anterieur transformé avec deux clavettes intermittent. Les films de 16mm ou 35/32 tournent avec une vitesse de 144 pieds à la minute, tandis que les films de 35mm tournent avec une vitesse de 165 pieds á la minute.

1. Le regulateur de voltage d'intensité d'eclairage.
2. La lampe de 500 watt est nécessaire pour les films de 16mm, et de 1000 watt, pour les films de 35mm (un ventilateur est mise pour rafraichir la chambre de la lampe).
3. L'objectif de 2½ est instalé.
4. La manette de mise en marche et d'arret controle en meme temps la lampe et le moteur.
5. La boite de films avec noyau peut contenir 3000 pieds du films.
6. La roue supérieure est construite de manière de recevoir le film dans les deux directions, nourrie par la bobine centrale.
7. Une roue est instalée pour libérer rapidement le film de la boite.
8. La lampe se trouve pres de la bobine recepteuse, et donne toute facilité pour inspecter le film a main dans le projecteur.



NUOVO

Questi proiettori sono Simplex transformati, otturatore al fronte, meccanismo di scatto di due punte. La velocitá di proiezione in 16 o 35/32mm e di 144 piedi per minuto, e in 35mm, di 165 piedi per minuto.

1. Controllo manuale della luminositá della lampada.
2. Lampada di 500 watt per 16mm e di 1000 watt per 35mm.
3. Obbiettivo di proiezione di 2½".
4. Maniglia per controllo di motore e lampada di proiezione.
5. La cassetta porta pellicola puo contenere 3000 piedi.
6. I rulli superiori di guida sono construiti per operare con film provenente di ambi lati della bobina svolgitrice.
7. Disco con montatura sporgente nel magazzino.
8. Una lampadina illumina la bobina avvolgitrice, permettendo l'ispezione manuale del film prima che si avvolga nel proiettore.

NUEVO

Esta máquina es un proyector simplex convertido, obturador al frente y movimiento intermitente a doble grifa. Para 16mm o 35/32mm, la velocidad fija de proyección es de 144 pies por minuto, para 35mm es de 165 pies por minuto.

1. Un reostato controla la intensidad de la lampara de proyección.
2. Para 16mm se usa una lampara de 500 watt, y una de 1000 watt para 35mm (un chorro de aire ventila las lámparas en ambos casos).
3. Cada unidad está provista de un lente de proyección de 2 pulgadas y media.
4. Una palanca de control opera el motor y la lampara simultáneamente.
5. Capacidad de proyección: rollos de hasta 3000'.
6. Los rodillos de guía superiores operan con la película en ambas direcciones.
7. La tapa de la bobina de carga es desenroscable.
8. Una lámpara ubicada junto a la bobina de toma permite la inspección manual de la película antes que se rebobine en la bobina superior del proyector.

designers and manufacturers of film and video tape editing equipment

HOLLYWOOD FILM COMPANY

REELS / CANS / CASES

956 N. Seward, Hollywood 38, Calif., HO 2-3284 • 122 W. Kinzie, Chicago 10, Ill., 644-1940 • 524 W. 43rd St., N.Y. 36, N.Y., LO 3-1546