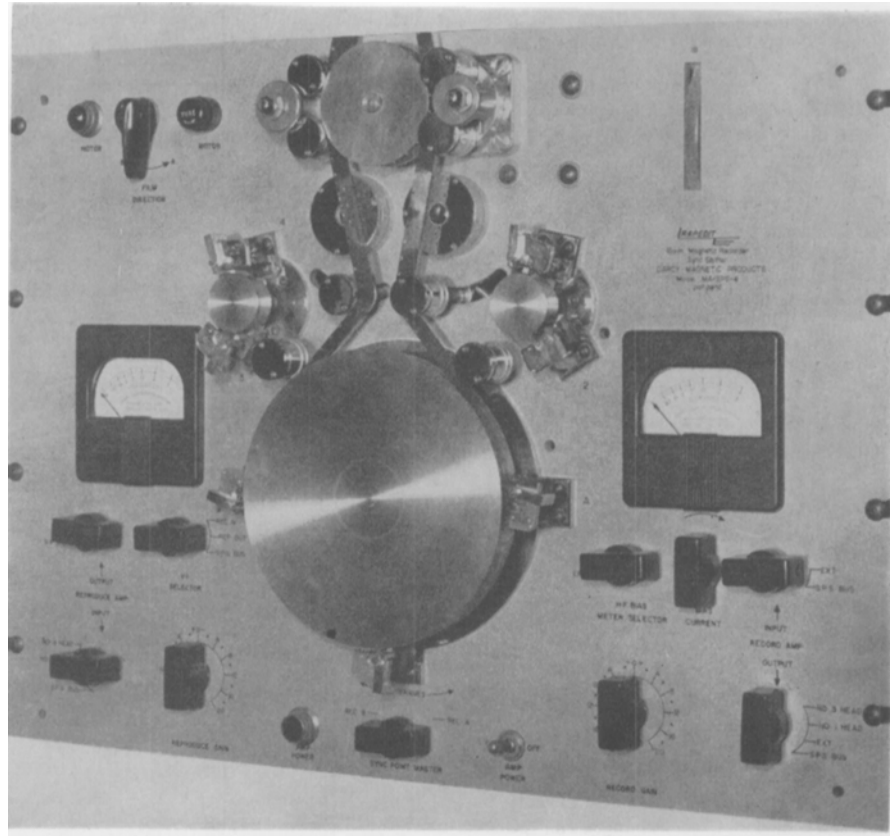


new products

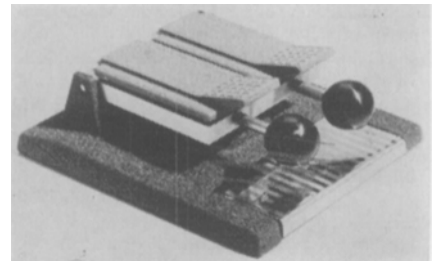
(and developments)

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 Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

A magnetic recorder designed to make editing sound motion-picture negatives as precise and simple an operation as the editing of magnetic tape has been announced by D'Arcy Magnetic Products, Ogden Dunes, Gary, Ind. The device has been named the Rap-Edit Sync Point Shifter Magnetic Recorder. It requires only one operation to relocate the recorded words of a single-system magnetic sound record to a point directly adjacent to their mating picture (editorial sync). The recorder is expected to be especially useful to producers of TV newsreels, educational



and documentary films. It will also record 200-mil standard magnetic track and 50-mil displaced stereo magnetic track.



The Studio Quik Splicer, manufactured by Hudson Photographic Industries Inc. is distributed by S.O.S. Cinema Supply Corp., 602 W. 52 St., New York 19, and 6331 Hollywood Blvd., Hollywood 28. The unit is designed for splicing 16mm and 35mm film as well as magnetic tape and is designed for use with all types of film base as well as optical or magnetic soundtracks. Components are nonmagnetic (of cast bronze and nonmagnetic steel). In making the splice, a special Mylar tape, called Quik-Splice, is applied which, reportedly, will not dry out or shrink and is unaffected by common film cleaning agents. The tape is pre-cut to the correct size and is paper-backed. To make the splice, the operator positions the splice patch over the aligning pins and strips off the protective covering. The splicer is priced at \$79.50 and splicing tape is available at a price of \$5.00 for a package containing 250 splices. A sample of the tape is available without charge from the distributor.

An electric automatic splicer capable of splicing digital tapes, paper, magnetic films and tapes has been announced by Prestoseal Mfg. Corp., 37-27 33 St., Long Island City, N.Y. Splicing is effected by the application of controlled heat and pressure and the use of cement, adhesive

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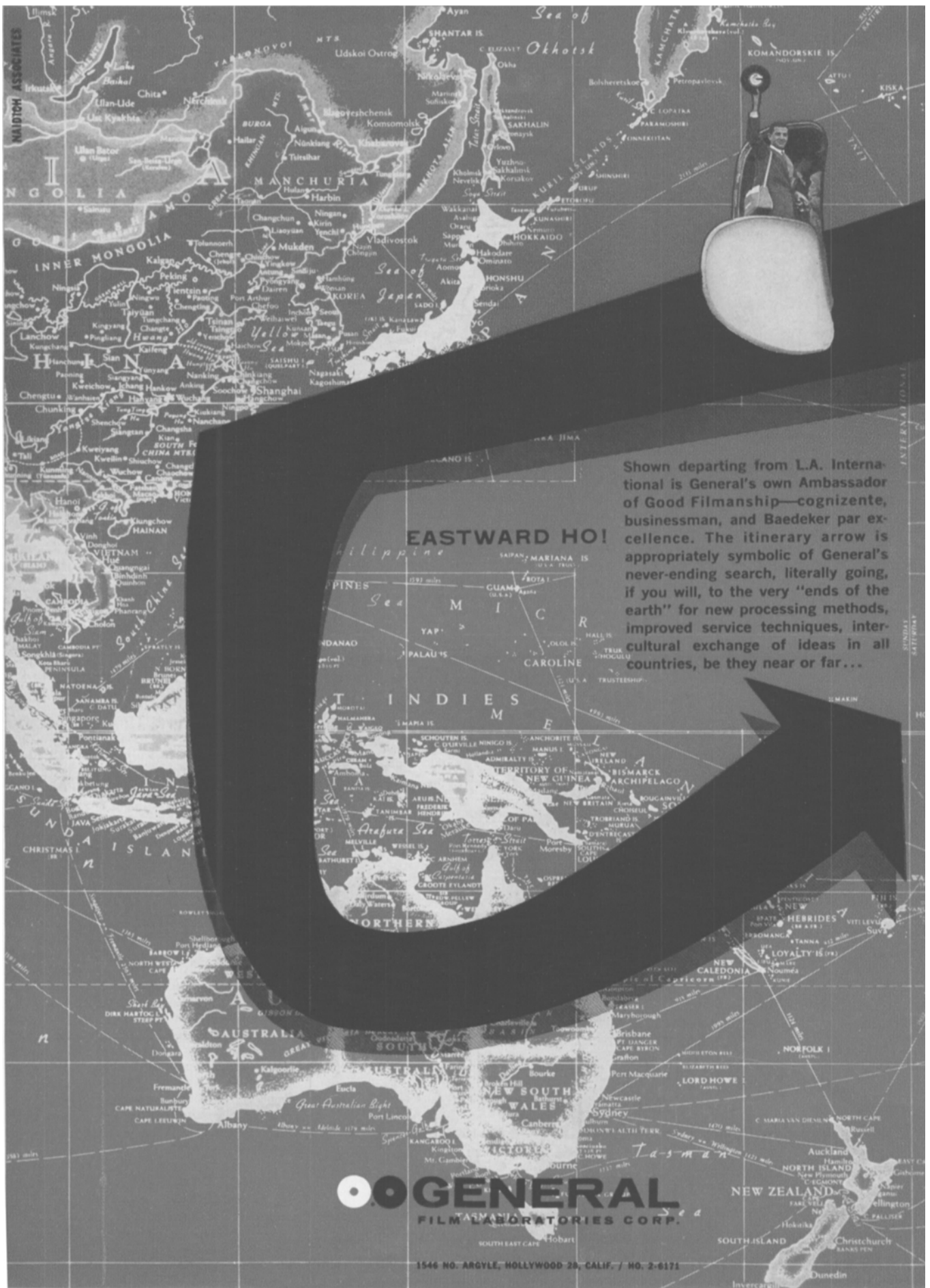
WIDEST WIDE-ANGLE FOR ARRI 16
 Widest and newest lens for the 16mm Arri is this 5.7mm, f1.8 lens with 113 degree coverage. Fast, sharp, it has incredible coverage. Exclusive at Birns & Sawyer in the West.
 Cat. No. 1330 **\$499⁵⁰**

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ARRI 35 CAMERA BARNEY
 Sound-muffling barney reduces camera noise 65%. Constructed of kapok, lead foil, flannel and foam rubber covered with heavy duty green duck, barney covers camera, 480-ft. magazine and either wild or sync motor. Made in Hollywood to Birns & Sawyer specifications. Pictures show front and back views.
 Cat. No. 1450 **\$99⁵⁰**



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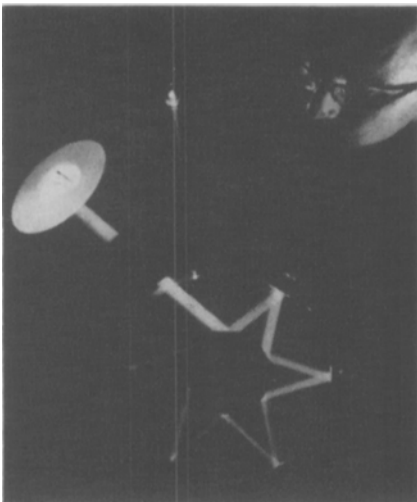


Shown departing from L.A. International is General's own Ambassador of Good Filmanship—cognizente, businessman, and Baedeker par excellence. The itinerary arrow is appropriately symbolic of General's never-ending search, literally going, if you will, to the very "ends of the earth" for new processing methods, improved service techniques, intercultural exchange of ideas in all countries, be they near or far...

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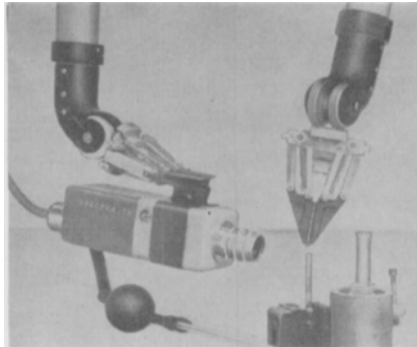
1546 NO. ARGYLE, HOLLYWOOD 28, CALIF. / NO. 2-6171



or glue is not required. The splicer is designed to handle all sizes of digital tapes. The 17-lb unit is 9 in. high, 11½ in. wide and 17 in. long. It operates from a 110/120 v a-c source at 50 to 60 cycles. It is priced from \$632.00.

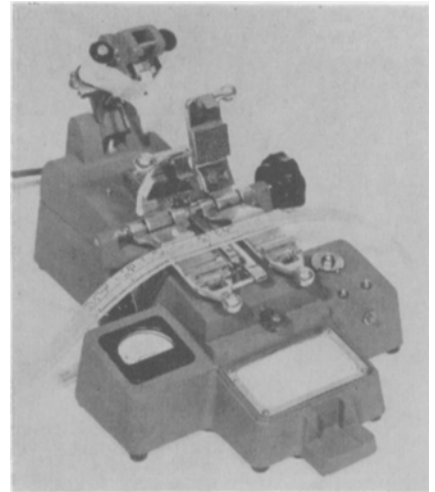
The Fairchild Data Reader, a product of Fairchild Data Devices Corp., 580 Midland Ave., Yonkers, N. Y., has been designed to reduce photographic data to digital form for electrical transcription. It can be used for measuring photographic transparencies on plates, sheet film or roll film. X and Y ordinates are measured to a least count of 0.001 in. and angles to 0.1 degree. A specially designed analog-to-digital con-

verter in the goniometer system gives display reading and electrical readout to a maximum quantity of 359.9°. Further rotation returns the reading to 0°. Overall accuracy of measurements is reported to be ±0.005 in.



The Spectra, reported to be the world's smallest high-definition TV camera, has been announced by Photo Research Corp., 837 N. Cahuenga Blvd., Hollywood 38. The 2.5-lb camera is 2.6 in. square with a length of 7.5 in. The equipment has been tested to 20 g in temperatures of 70 C and altitudes of 60,000 ft. It feeds a 600-line image through its 10-mc video amplifier to a 14-in. monitor to allow a film to be made of the monitor screen for further evaluation. The camera does not use transistors because of possible deterioration caused by radiation when close-up studies are made in laboratories engaged in atomic research.

The Navy's powerful icebreakers will be aided in their sometimes dangerous tasks by low-flying, remote-controlled helicopters fitted with TV cameras to photograph ice conditions. TV monitors on the ship's bridge and in the combat information center enable observers to study ice conditions ahead. Equipment used in the first try-out was developed by the Government and Industrial Div. of Philco Corp. and included a UHF video transmitter operating in the 780-900-mc frequency range up to a distance of 35 miles and an industrial TV camera fitted with a wide-angle lens. The icebreaker which participated in the experiment was the *USS Glacier*.



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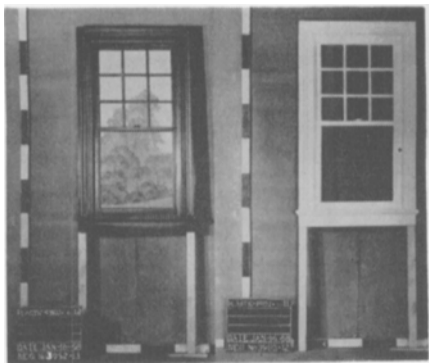
FILMLINE CORPORATION, DEPT. SN-58, MILFORD, CONN.

A "light chopper" which can produce pulses of light only a few billionths of a second in duration has been developed by scientists working in the Westinghouse Research Laboratories, Pittsburgh 35. The device is also used to produce ultrafast pulses of infrared and ultraviolet radiation.

Principles and applications of the "light chopping" system are described in a paper by M. Garbuny, T. P. Vogl and J. R. Hansen published in the Oct. 1957 issue of the *Review of Scientific Instruments*. The article describes the method as consisting of "surrounding a rotating multisided mirror by a set of stationary mirrors. The assembly is so adjusted that the collimated light from the source is repeatedly reflected between the central and the stationary mirror planes."

An improved version of the ¼-in., 150-w lamp for 8 mm motion-picture projectors introduced earlier this year (*Journal*, Feb. 1958, p. 120) has been announced by Sylvania Electric Products Inc., 1740 Broadway, New York 19. In the new lamp (called the Super Tru-Flector) the light-focusing reflector is supplemented by a thick, closely compacted coiled coil-filament and a small low-voltage transformer to permit greater control over lighting characteristics. The new lamp is priced at \$5.00.

Coal mine interiors, caves, windows, doors, walls, trees and pillars and many other objects and structures used on motion-picture sets are made in a vacuum forming machine manufactured by Auto-Vac Co., 1984 State St. Extension, Bridgeport, Conn.



One of these was purchased several months

ago by CBS-TV for use in its Production Dept. The machine, reported to be the largest of its kind in the world, will produce in plastic almost any form the dimensions of which are equal to or less than 12 ft long, 6 ft wide and 2 ft deep. For the coal mine interior, 40 panels of polyvinyl chloride were used. Bits of Styrofoam, wood and rags were added to the basic mold to make a random pattern simulating the lumpy look of a coal mine. At the conclusion of the coal mine drama the panels were painted and curved to become a realistic cavern.

One of the main advantages of the vacuum forming process is the saving of time and money and set construction. For

example, the machine can make double hung plastic windows that can be opened or closed like "real" windows, or it can make dummy windows with open or solid "glass" areas. When needed, scenery can be painted on the plastic panes, or blank pane areas can be formed where action takes place on the other side of the set. The plastic windows are mounted on wood frames which can be nailed into flats wherever needed, eliminating the need for extra flats containing built-in windows. Other props made by this process have included pillars, mirror and picture frames, rows of books, railroad rails, pediments, tree bark, statues, rocks and other oddments.



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 These notices are published for the service of the membership and the field. They are inserted three months, at no charge to the member. The Society's address cannot be used for replies.

Positions Wanted

Photographic and Optical Engineer. Member of technical staff Bell Telephone Labs 21 yrs; Wollensak Optical Co. 4 1/2 yrs; Fairchild Camera & Instrument Co. 3 1/2 yrs. Familiar with practically every phase of engineering photography. Established primary techniques for complete photographic systems including film processing. Designed high-speed motion-picture and recording cameras. Developed new techniques for use in underwater, aerial, missile, industrial and research problems of motion analysis. Can lecture, sell. Author numerous publications and *Photographic Motion Analysis* (Industrial Laboratory Publishing). Served as consultant to many organizations. Fellow SMPTE and Royal Phot. Soc. Founded SMPTE High-Speed Committee and organized first International High-Speed Congress. Salary open. Will relocate. John H. Waddell, 33 Loretta Dr., Syosset, L. I., N. Y. Tel: WALnut 1-5469.

Engineer-Photographic. Extensive experience in design and development of military and consumer opto-electro-mechanicals, photographic products and instrumentation. Capable of assuming complete responsibility from creative inception to acceptable prototype. Experienced in manufacturing procedures, design simplicity and parts interchangeability. Seeking project assignment or part-time engagement. Write: R.V.N., 59 New York Ave., Westbury, L.I., N.Y.

Cameraman. Have Bolex H16 equipment; will travel. Age 32. 10 years experience news, travel films, wildlife, etc. Go anywhere, anytime. Jack M. Sullivan, Offtrail Films, P. O. Box 86/3904 Sockwell Blvd., Greenville, Texas. Tel: GLadstone 5 2679/5 1424. Send for Confidential Service Bulletin #4.

Motion-Picture Engineer. Available for new position February 20, 1959; will consider job in any part of the world. Now completing contract with Reevesound Co., New York, installing laboratory overseas. Formerly with Capital

Film Labs, Washington, D.C., for several years. Have designed and built lab equipment for a number of years for the trade (firm name in Washington, D.C., is Telex Films). Have the experience to do capable work in production, editing, sound or lab. Complete résumé upon request. Would prefer any new overseas assignment to start by March 10, 1959. Write airmail: Victor E. Patterson (USOM), American Embassy, APO 271, New York, N. Y.

Television Engineer. French citizen, 7 yrs experience TV research in Paris, subsequently engineering manager of TV station in Casablanca, Morocco, seeks position in United States or Mexico, preferably with an American company. Degrees in electrical and radio engineering. Age 34, married. Write: Lucien Chareyre, 37 rue de Mareuil, Casablanca, Morocco.

Cameraman-Editor experienced in all phases of film production, feature films, commercials, TV documentaries, sound recording and laboratory. Desire permanent position with production company or television station. Will work in studio and/or anywhere on location. Knowledge of French, Italian and Arabic. Write to A. P. Mamo, 7945 Cartier Street, Montreal, Quebec, Canada.

Motion-Picture Production. Experienced in film production, studio and location, educational, industrial and TV films. 15 years in industrial films, 6 years producing TV commercials. Seeking a position as production executive with a commercial or industrial motion-picture unit. Experienced in various phases of film production; operated most 35mm and 16mm cameras, directed industrial films, produced TV commercials. Excellent references. Résumé on request. Write: Edw. A. "Jack" Price, 2417 Crest Ave., South Bend 14, Indiana.

Educator - Cameraman - Producer. Available every summer for either industry or education. Experienced in educational films, TV commercials, public relations films, newsreel work and live educational television. Degrees: B.S. in Ed., M.A. Interested either in production or organization, setting up program and teaching others to carry on. Also interested in any type of employment in motion-picture industry for which qualified. Experienced in every technical phase of motion-picture production. Own complete production equipment, cameras, sound, lights etc. Age 42. Teacher in winter. Available from June 12 to Labor Day. Salary open. Henry E. Eisenkramer, 7550 Washington Ave., University City 5, Mo. VOLunteer 3-5669.

Chemistry and Chemical Physics. Director of Research and Experimental Engineering for 20 yrs, predecessor of Harris Intertype Corp.; over 70 patents and applications in photographic and photomechanical fields; member many scientific organizations. Special interests: light sensitive substances, developers, phototype-setting, highspeed data recording, photo-

polymerization. Overseas contacts in research and development. Available full time or on a consulting basis. Would relocate. William H. Wood, Route 1, Box O, Rockbridge, Ohio.

Motion-Picture Writer, Director or Unit Manager with some TV experience returning from 8 yrs work in Middle East. B.A., M.A. in Cinema from USC. Want position with vigorous film or television company. Have family, will relocate. Résumé on request. Write: John H. Humphrey, Apt. 604 West, 74-10 35th Ave., Jackson Heights, N. Y.

Photographic Administrative and Technical Specialist. 21 yrs experience in laboratory administration, sales administration, selling, quality control, personnel supervision, camera work and production. Heavy experience in color with leading laboratory. Seeking connection in administrative capacity with major TV or film company. Detailed resume on request. Willing to relocate. Robin R. Lewis, 4 Arbor Rd., Syosset, N. Y. WALnut 1-0063.

Positions Available

Cameramen. Staff position. References and resume of experience required. Confidential.
Sound Technicians. Experience, references. Permanent position.
Laboratory Technicians. Timing experience. Permanent position. Write: I. C., 423 East 90 St., New York 28.

Electronic Engineer (Television Division). Qualifications: Engineering degree or equivalent; 3 yr general electronics and 1 yr television experience; extensive knowledge of vidicon and image orthicon monochrome and color systems, broadcast and closed-circuit systems, kinescope and video tape recording techniques and equipment, and microwave transmitting and receiving video and audio equipment. The incumbent of this position plans, designs, advises upon, coordinates, tests and evaluates development of television equipment, systems and facilities to determine their application in military service. Salary \$10,130 per annum. Contact Miss Mary Jane Kerwin, Personnel Management Branch, Civilian Personnel Office, Army Pictorial Center, 35-11 35th Ave., Long Island City 1, N. Y. Tel: RAvenswood 6-2000, ext. 238.

Television Engineers. Positions available for television engineers meeting the following minimum requirements: (a) BS degree with a minimum of 1 yr of TV equipment design on camera equipment, broadcast or industrial systems; or (b) 4 yrs experience on television design work in lieu of BS degree with 1 yr spent on television camera design. Young and expanding company located in smog-free Orange County, close to beaches and downtown Los Angeles. Excellent living conditions. Salary dependent upon experience and education. Send complete resume to Personnel Dept., Interstate Electronics Corp., 707 E. Vermont Ave., Anaheim, Calif.