

are variable-beam single broads using 3200 K quartz-iodine lamps which operate from 120 or 230 V, ac or dc. They are said to maintain constant intensity. At 10 ft. field coverage of the Variable Broad can be continuously varied from a width of 24 ft at the medium-focus position to 45 ft at the wide-focus position. The Variable Broad produces 117 fc at 10 ft from medium focus to 59 fc at wide focus. The Multi-Broad produces 230 fc from medium focus to 61 fc at wide focus. The Variable Broad weighs 7 lb and measures 9 by 9 by 8 in. The Multi-Broad weighs 11 lb and measures 7 by 13 by 10 in.

The firm also announced that the Super-80 and Cine Queen lights are now available with quartz-iodine lamps. The Super-80, used as a fill light or for extensive coverage is available with 1,300-W R-80 quartz-iodine lamps, operating directly from 120-V, ac or dc. The Cine Queen, used as a medium range key light or a longer range flood, is available with Par 64 3,200 K or 3,400 K lamps.

A 200-W solid state power amplifier, designed for use in music and auditorium sound systems has been announced by Altec Lansing, 1515 S. Manchester Ave., Anaheim, Calif. 92803. Designated the 1590A, the amplifier features all-silicon transistors throughout. It can be used with Altec's Giant Voice outdoor warning system as well as for other indoor and outdoor applications. Specifications include a frequency response within ± 1 dB from 20 to 10,000 Hz, and a gain of 67 dB. Harmonic distortion is reported at less than

1.5% at 150 W, 65 to 10,000 Hz, and less than 4.0% at 200 W, 1,000 Hz. Input sensitivity is 0.8 V rms at 200 W. It is 10½ in. high, 19 in. wide and 8½ in. deep. It is priced at \$345.

A new series of solid state audio recorder/reproducers has been announced by Ampex Corp., 401 Broadway, Redwood City, Calif. Designated the Ampex AG-300 Series it is described as an "advanced generation" of the 300 series. Features include an improved tape transport and console design improvements. New electronic features include tweaking adjustments on the front panel; plug-in equalizers; locking-type level set knobs to prevent accidental setting changes; and a "ready to record" light on the panel to permit visual confirmation of proper settings from remote locations. Features of the tape transport include a new, wider opening head gate for easier editing; a new ferrite erase head; improved turntable pins for positive reel stability; and easy access to control circuitry for quick servicing. Prices begin at \$2,630 for a single-channel model.

Ansochrome Cine Priority processing, described in the announcement as "¼-hour dry-to-dry professional quality" has been introduced by Bebell & Bebell Color Laboratories, Inc., 108 W. 24 St., New York, N.Y. 10977. The rapid processing is possible because of specially designed equipment and new chemical formulas. The processing is available in both 16mm and 35mm. The new process is used for all types of color processing including television spot news programing and commercials.



employment service

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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

Marketing/Sales Manager. 10 yrs experience in design, manufacture and marketing of audio, video and motion-picture equipment. Included are 4 yrs heavy management responsibility and international marketing experience. If you need a "take-charge" performer and offer a career opportunity, write: Richard B. Pell, 3658 Maxwell Drive, Wantagh, N. Y. 11793 Tel: (516) 221-1844.

Industrial Photographer: Desiring more responsible post. Exp.: commercial, industrial, educational, instrumentation, m.p. and still. College, married, will relocate. Résumé on request. Write: Photo, Rm. 406, 18 E. 41 St., New York, N.Y.

Precision Machinist. Experimental, prototype, and automation on motion picture laboratory film processing, desires posit. in New York or New Jersey. Write J. W. S., 70 Montclair Ave., Little Falls, N.J. 07424.

Positions Available

Quality Control Supervisor with electronic background, preferably in magnetic tape mfg. Salary commensurate with experience. Call or write: Magnetic Media Corp., 616 Fayette Ave., Mamaroneck, N.Y. Tel: (914) 698-8660 or (212) 792-1919.

The American Society of Photogrammetry seeks ambitious young man to fill newly-created posit. of Executive Director of Society to head Professional Staff of National Headquarters Office in Va. suburb of Washington, D.C. The Society has over 4,000 members, is growing steadily in rapidly expanding technology. A man with administrative exp., promotional abil., and understanding of engineering technology desirable; willingness to travel and promote aims of Society essential. Address reply to: C. E. Palmer, American Society of Photogrammetry, 6269 Leesburg Pike, Falls Church, Va.

Reputable Company 50 years old has permanent, salaried sales opening. Product is Mercury and Xenon light sources; related power accessories. E.E. and optics background desirable. Send full résumé and salary requests. to Charles Bishara, P.O. Box 950, Newburgh, N.Y. 12553

Field Service Engineers to install, service and maintain studio broadcast equipment. Technical degree or equivalent in experience.

Test Engineer to supervise final systems test group producing television cameras. Both positions require knowledge of solid state devices and circuitry plus familiarity with all phases of trouble shooting to final acceptance. Liberal benefits and college assistance program. Send résumé in confidence indicating salary requirements to Martin G. Wolfert, North American Philips Co., Inc., 100 East 42 St., New York, N.Y. 10017



For your vidicon, image orthicon and professional movie cameras, Cosmicar lenses are available in focal lengths from 12.5mm up to 1000mm.

New zoom lenses are now available.



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Creative M-P engineer/designer/technician for work on new photographic process. Call or write George Margolin, Front Projection Corp., 404 Park Ave. S., N.Y., N.Y. (212) LE 2-8284.

Project Engineers reqd. with design exp. in slide projectors, movie projectors or allied equipment. Engineers with light manufacturing tooling background also reqd. Excellent working condit., benefits. Please submit brief résumé, salary reqts. to Personnel Director, Sawyer's Inc., Portland, Ore. 97207.

Director/Editor. Midwest commercial and gov't film prod. co. needs energetic person for dual posit. Edit. responsibilities include scene selection and evaluation, editing, A-B conforming, soundtrack editing. BA degree preferred; min. 3 yrs. exp. reqd. Send résumé, photo, credits, salary expected to Personnel Director, Low & Associates, 7708 Morgan Ave. S., Minneapolis 23, Minn.

Electronic Technicians, maintenance men, m-p equip. repairmen wanted to fill positions required by vast expansion program. Good salaries, fine opportunities open in New York and N. Hollywood. Send complete résumé to Irving Pivovar, S.O.S. Photo-Cine-Optics, Inc., 387 Park Ave. S. New York, N.Y. 10016.

Cameraman-Director-Editor, wanted at established suburban Chicago studio. Permanent job. Salary commensurate with exp. Telecine Film Studios, Inc., 100 S. Northwest Highway, Park Ridge, Ill. 60068.

Rapidly Growing Midwest Corp. with internatl. operations has immed. openings in A-V dept. These posits. provide professional audio and recording, TV recording and transmission, and m-p projection services for corp. A minimum of 5 yrs. exp. reqd. for following openings:

Audio & Recording Engineer: Exp. in all types magnetic recording, including $\frac{1}{4}$ -, $\frac{1}{2}$ -in. multichannel systems, 16-, 35-mm sync recording. Maintain top prof. recording and sound equip. Must know acoustics and all types acoustical environments.

Television Engineer: Must know broadcast or industrial CCTV with exp. in video recording, camera control and operation, studio lighting, telecine and maintenance of same.

Motion Picture Projectionist: Experience in all types prof. projection equip. such as 16, 35, and 70 mm, and all types still projection equip. Exp. with light sources, e.g., incandescent, carbon, xenon, and quartz. Exp. in all types projection sound systems including 4-channel stereo systems. Thorough knowl. of optics and all types projection screens.

Applicants must be neat, cooperative, and be able to work with top executives and all levels of mgmt. Please send salary requirements and résumé to Harold Moore, International Minerals & Chemical Corp., 5401 Old Orchard Rd., Skokie, Ill. 60078.

Sound Engineer to operate radio and film recording dept. Applicants must be qualified to handle recording, mixing, dubbing, equalization and optical transfer, maintain and install equipment. Mail résumé to: Koster Film Facilities, Inc., 1017 New Jersey Ave., S.E., Washington, D.C.

Camera Service Manager. Dynamic nat'l organization seeks capable mgr. for growing service dept. Knowl. high-quality m-p equip. necessary. Must have managerial ability. Submit résumé in confidence including salary to Arriflex Corp., Box 1050, Woodside, N.Y. 11377.

Midwestern Film Producer has immediate opening for qualified film editor. Exp. in 16mm and 35mm a must. Join an award-winning team. This is excell. opportunity for right person. Send full résumé and photograph to: W. S. Yale, 4444 W. 76 St., Mpls., Minn. 55424.

The Delaware Educational Television Network needs two experienced video technicians in Dover, Del. Experience with I-O cameras, Ampex Videotape recorders, studio operation and maintenance necessary. Openings immediate. New personnel will assist in moving into new plant April 1. First phone not essential put preferred. Write, including full details first letter, William C. Lewis, Technical Services Director, Box 898, Dover, Delaware.

Motion Picture Production Asst. Director of photography-cameraman-editor in growing unit. Able with a Mitchell, Arriflex, or Auricon. Able to light sets ranging from crowded lab to large auditorium. Knowl. all aspects of editing. Familiarity with all other areas of film production. College graduate with at least one year exp. in industrial or educational film production. Minimum salary \$6,300 depending on exp. Send résumé to Byrl L. Sims, University of Illinois, Motion Picture Service, 606 $\frac{1}{2}$ E. Green St., Champaign, Ill. 61820.

Technician. Installation, service maintenance of TV studio broadcast equip; customer liason; demonstrations. Salary \$7,500-\$8,500. Contact Robert A. Tiegen, Personnel, North American Philips Co., Inc., 100 E. 42 St., Rm. 1027, N.Y., N.Y. 10017.

Engineering, Technical, Scientific, other posit. avail. Sample titles: Circuit Design Engr.; Semi-Conductor Dev. Engr.; Specifications Engr.; Mechanical Engr.; Audio Engr. Varied exp. and training reqmts. Wide salary range based on job specs. Contact Robert A. Tiegen, Personnel, North American Philips Co., Inc., 100 E. 42 St., Rm. 1027, N.Y., N.Y. 10017. Phone YU 6-7135. or YU 6-7149.

Journals Available/Wanted

These notices are published as a service to expedite disposal and acquisition of out-of-print Journals. Please write direct to the persons and addresses listed.

A complete set of *Jours.* Jan. 1946 to Jan. 1965, including indexes, directories and supplements, in perfect condition. Also High-Speed Photography 1949, 1954; Developments in Stereophony 1953; Color Sensitometry. Submit offer to Harry Lehman, 4911 Laurel Canyon Blvd., North Hollywood, Calif.

Perfect condition, beautifully bound *Jours.*, 1941-1964 complete. Will sell at cost or consider best offer. J. W. Servies, 57 Echo Ridge Rd., Upper Saddle River, N.J.

Feb. 1955; May-Dec. 1955; complete 1956; July, Sept., Dec. 1959; Jan. 1960; July-Dec. 1960; 1961-1964 complete; 1965-to date. Includes any indexes, directories, etc. Good condition. Best offer. Write: Robert J. Katzeff, 5 Hampshire Lane, Stamford, Conn. 06905.

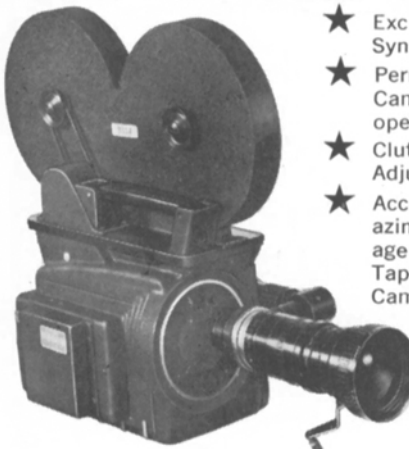
1955-65 *Jours.* Any offer. R. W. Casey, 6259 Coldwater Canyon, N. Hollywood, Calif.

For Sale: Back issues of *Joul.* 1948-1964 including March 1949 and Nov. 1949 High-Speed Photography issues. Some years incomplete. Make offer for all, part or single copies. All letters answered. J. D. Clement 6612 Andasol Ave. Van Nuys, Calif. 91406.

For sale: *Jour.*, 1949-1964. Excellent condition, unbound, available only as complete set. Write: Harry Wuest, 220 E. 60 St., New York, N. Y. 10022.

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