

To Two Highly Creative Senior Engineers

If you can make the most of creative freedom, this opportunity is for you. We're known in the fast-rising field of photoinstrumentation for the excellence of our products and our ability to solve perplexing new problems. We're an engineer's company, and we want innovators, not imitators. We're growing dramatically and expanding our activity in commercial and industrial markets. You'll be a key member of our engineering staff and you'll have direct access to top management. You're undoubtedly a good cut above the crowd and you'll be rewarded accordingly. This is a permanent position—one that will let you go as far as your own ideas can take you. Excellent fringe benefits, salary open.

MECHANICAL DESIGN engineer

Must have BSME and minimum of 10 years' experience in design of precision mechanisms. Experience in tape- or photographic film-transport mechanisms highly desirable. Background should include substantial board work and direct design work as well as project or supervisory responsibility.

ELECTRONIC DESIGN engineer

Must have BSEE and minimum of 10 years' experience including electronic circuit and system design, solid-state circuit design, and direct or supervisory responsibility for electronic packaging. Familiarity with system considerations essential.

To arrange a confidential interview, please send a resume immediately to L. S. Lyne.

D. B. MILLIKEN COMPANY

131 North Fifth Avenue
Arcadia, California
EL 9-6691



trace widths per second and can be extended by special developing techniques recording speeds beyond 10^{11} trace widths per second. A special feature of the 977 is a nonlinear brightening gate, applicable to the use of exponential sweeps, which permits a constant photographic writing rate of reliable recording. All functions of the oscilloscope can be activated remotely. It is designed to operate from either d-c or a-c voltages and is normally powered from a 28-v d-c source with power consumption about 80 w.

Products of Environmental Equipments Ltd., Station Yard, Wokingham, Berks, England, include charge amplifiers, Models CVA-6 and CVA-2, and Model CF2T cathode follower. The amplifiers are mounted on circuit boards behind the gain controls. Each board has 1 input and 1 output. A separate screened compartment at the rear of the chassis houses the power unit. The CVA-6 has a multi-way socket located at the back of the chassis. The CVA-6 is priced at £350 and the CVA-2 is priced at £140. The instruments are used for the measurement of vibration, pressure and force in the frequency range of 1 cps to 25,000 cps, using piezo-electric pickups giving outputs in the range 1.0 pCmbs to 10,000 pCmbs(PK). The cathode follower is a dual channel facility for applications with piezo-electric or other high impedance type of pickup. Frequency response is within 10% from 1 cps to 50 Kc/s. The input impedance is greater than 100 megohms. The instrument is priced at £40. Information is available in the U.S.A. from Everett J. Anderson, Environmental Instrument Co., Box 225, Guilford, Conn.

A fully encapsulated chopper-stabilized operational amplifier designed for direct printed-circuit card mounting has been introduced by Analog Devices, 221 Fifth St., Cambridge, Mass. 02142. The all-silicon amplifiers, designated the 200 Series, are designed to compensate automatically against d-c drift, and to eliminate potentiometer adjustments normally needed to correct for component aging, temperature variation and supply voltage changes. Voltage drift is held below $0.3 \mu\text{v}/^\circ\text{C}$ and current drift below 0.5 pico-amp/ $^\circ\text{C}$. Characteristic curve shows d-c gain of 1 million (180 db = 109) and bandwidth of 10 mc. The amplifier is contained in a package measuring about 3 by 1 by 1 in. and is equipped with $8\frac{1}{4}$ -in. pins for soldering or welding directly onto a circuit board. Price of the amplifiers, in 10 piece lots, is \$190.

A miniature r-f detector, Model CD-50, designed for use in the video, vhf and uhf ranges, has been introduced by Texscan Corp., 51 S. Kowebe Lane, Indianapolis, Ind. 46207. The device covers a frequency range of 100 kc to 1,000 mc with a 50-ohm input impedance. VSWR is said to be better than 1.2 with a frequency response better than ± 0.15 db over any 100 mc segment. The detector is tubular and is $2\frac{1}{8}$ in. long. The price is \$30.



**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

Motion-Picture Cameraman/Editor seeks position with reliable production co. filming TV, industrial, or travelogues. Majored in Cinematography, completing 2 16mm productions. Also accredited with 1,440 hours of still photography, and 960 hours of illustrative photography. Willing to relocate. Résumé upon request. Write: John Kucer 4958 W. 113 St. Inglewood, Calif. 90304.

Contact Engineer. 18 yrs. diversified exp. in sales and service of m-p sound, and related communications equip. for top companies in industry. Possess knowl. of domestic and international administrative and marketing procedures. Wish posit. in New York area. Résumé avail. Write R. Valle, 717 Benris Ave., Franklin Square, N.Y. 11010.

Trainee Position with film company wanted by enthusiastic and energetic young man. Art major with post grad film courses. Some exp., married. Write Peter Ketchum, 9 Stuyvesant Oval, New York 9, N.Y.

TV Design Engineer. Qualified TV engineer, pioneering experience dating back to 1936 in a leading private TV R&D lab. Well grounded in camera, sync generators, and all associated equipments, design, construction, and operation, from above date to the present. Recently designed and installed complete CCTV station complex in leading state mental hospital with 2,500 patients. Desires to propose, design, and follow through to completion a similar installation in another progressive, and forward looking large mental hospital or equivalent, with a strong budget back-up and enthusiastic support of top echelon management. Résumé and photos on request. Write to Harold A. Lockwood, c/o State Hospital, WLCE-TV, Logansport, Indiana.

Graphic Sciences, electrostatics, electrophotography, sub-micron electron beam recording, scanning electron microscopy, color processes. 35 yrs. exp., long patent list. Available for part time consulting, U.S. or foreign countries. William H. Wood, R.D. 1, Box O, Rockbridge, Ohio 43149

Positions Available

Working Lab Manager. Small but growing lab in Florida; must have intimate knowledge of 16 and 35mm B & W positive-negative-reversal processing and printing, routines, procedures and quality control. Submit résumé, references, salary requirements on first application to F. F. Sack, Recla Films, Inc., 17 N.W. 3rd Street, Miami, Florida 33128.

Rental Dept. Technicians & Salesman: Trainees or expd. Knowl. of Arriflex, Mitchell, Auricon, Bell & Howell equip. desirable. Join the

fastest growing co. in equip. rent. field. Excell. working condit., many benefits. Advancement oppy. for ambitious hard-working young men. For interview, call Camera Service Center, PL-7-0906, speak to Sy Cane—or send résumé to Camera Service Center, 333 W. 52 St., N.Y. N.Y. 10019.

Maintenance Engineer to service and maintain m-p lab machines. Should have exp. in maintaining precision equip. Excell. oppy. for advancement in an expanding co. with good salary

and fringe benefits. Located in desirable section of S.W. Washington. Phone or write for an appointment: Mr. Misener, Capital Film Lab., 470 "E" St. S.W., Washington, D.C. 20024, (202) 347-1717.

Sound Engineer to head, operate, maintain complete sound dept. Exp. must include recording, mixing, dubbing, equalization, optical transfer. Applicants must be conscientious and quality oriented. Send résumé, salary requirements to: WRS Motion Picture Laboratory, 210 Semple St., Pittsburgh, Pa. 15213.

Editor Position available in producers services dept. of fast-growing company. Duties include creative editing of picture and track, conforming, and scoring. Applicants must be conscientious, quality-oriented. Send résumé, salary requirements to: WRS Motion Picture Laboratory, 210 Semple St. Pittsburgh, Pa. 15213.

Timer. Excell. oppy. with growing lab. Extreme proficiency required in timing negative, positive, and reversal materials in B&W and color. Color correction ability essential. Send résumé, salary requirements to: WRS Motion Picture Laboratory, 210 Semple St., Pittsburgh, Pa. 15213.

Experienced sound recording engineer, with knowledge of photo sensitometry, to make optical transfer from magnetic tape recording; operate production recording equip.; have ability to engineer and improve techniques; train others in this work. Address replies to: P. I., Rm. 906, 545 Fifth Ave., N. Y., N. Y.

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.

Plant Manager for production lab specializing in professional color photo & graphics, high-quality color prints etc. Qualifications: employment in similar posit.; BS; high grades; literate; must be color expert; familiar with modern color sensitized materials; knowl. of latest mfg. techniques and equip.; production & quality control. Other openings for exp'd color technicians; salesmen. All benefits. Replies held in strict confidence. Send résumé, college transcript, recent photo, salary reqmts. Must sign ironclad trade-secrets agreement. Reloc. to Tampa, Fla. paid. Reply to Joseph H. Snyder, President, P.O. Box 3366, Tampa, Fla. 33601.

Design Layout Engineers needed for expanding staff. Mechanical, optical and electrical engineers needed. Submit complete résumé, references, security status and salary reqmts. on first application to: Richardson Camera Co., Inc., P. O. Box 9187, Phoenix, Ariz. 85020.

Laboratory Quality Control. Well established motion-picture lab seeks technician for general B & W sensitometric control work on day shift. Exp. with control equip., charts graphs essential. Must be accurate, reliable. Opportunity for advancement in growing lab with B & W and color operations. Send salary reqmts. and résumé to Edgar Schuller, DuArt Film Laboratories Inc. 245 W. 55 St. N.Y., N.Y. 10019.

Animator Cameraman. Film studio seeks animator cameraman. Unique opportunity to broaden & develop. Can work with sound & editing. Experimental approach to film making with midwest organization. Write or call for interview. Goldsholl & Associates, 420 Frontage Rd., Northfield, Ill. 60094; William Langdon (312) 446-8300.

Motion-Picture Laboratory Maintenance Supervisor East Coast lab has opening for man with strong background in all types motion picture laboratory equipment maintenance. Applicant must be capable of establishing and operating system of preventative maintenance. Send résumé to R.O.I.G., 233 W. 70 St., New York, N. Y.

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

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.

Available: 17 volumes, bound in blue buckram, Vol. 46, 1946 through Vol. 62, 1954. Also unbound *Jours.* for 1961, 1962, 1963 (missing Dec) and 1964. Offers are invited. M. D. Robinson, 5 Koon St., Troy, N.Y. 12180.

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.

For Sale: Back issues of *Jour.*, 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.

Wanted: Trans. 1, 5, 6, 7, 8, 9, 11, 14, 16, 18; Journals: May 1932; May, June, Oct. 1933; Jan. Feb., 1934; July 1928; High-Speed Photography Vol. III., Gian Maria Rimoldi, via Plinio 39, Milano, Italy.

Available for sale: single complete set back copies SMPE *Jour.* June, 1940-Mar., 1947, plus single copies Apr. 1938, June, 1947, Jan. 1952. Excellent cond. W. E. Velvel, 3 Drexel Rd., Claymont, Del.

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.

Dec. 1964; complete 1947 (except Feb.); complete 1948 through 1955; Dec. 1957; Jan., Feb., Mar. 1958; complete 1959; Jan., Feb., Mar. 1960; July through Dec. 1963; complete 1964. Includes indexes, directories, and supplements. In perfect condition. Best offer. Write: Joseph W. Mac Donald, 948 1/2 North Kingsley Drive, Hollywood, Calif. 90029.

Wanted: Transactions and Journals 1917 through 1964. Barbara Skeeter, Reevesound Company, Inc., 35-54 36th St., Long Island City, N.Y. 11106.

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