

support is said to keep both conductors smoothly centered on bends, making the cable essentially reflection-free, up to the cut-off frequencies, with minimum phase shift effects.

The coaxial connector is solderless and has a positive gripping action to produce, without mechanical distortion, a connection equal in strength to the cable sheath. The connector is known as Spir-O-lok.

A method of treating quartz which makes it suitable for use as a crystal resonator at temperatures higher than ever before possible has been developed in Bell Telephone Laboratories, 463 West St., New York 14. It was also found that an electrolyzed quartz crystal can be made to resonate very stably in a higher temperature range if it is cut at a higher orientation angle than previously thought possible. During studies leading to this development, an electric field of about 500 v/cm was impressed across a quartz crystal for about 24 hours at a temperature of 500 C. This caused impurities such as sodium and lithium to be swept out of the crystal. It was discovered that, as a result of this electrolysis, quartz retains its ability to vibrate with little energy dissipation even when used at temperatures as high as 550 C.

It is expected that electrolyzed quartz will be found useful in piezoelectric devices in high temperature environments, such as near heat engines, or possibly in missiles where it is difficult or costly to maintain moderate temperatures.



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

Production Manager. 14 yrs extensive background aircraft and missile industry: administrative and management, aerial, public relations, high-speed, research and development, publications, missile field-test project photo supervisor, motion pictures and stills, color and black-and-white; photography for advertising agency; production manager for photographic operations including 16mm sound stage and location, commercial stills, audio-visual film-strips, sound and color. Motion pictures include more than 70 half-hour TV productions among others. Additional experience includes photo-journalism, college instructor in photography, working knowledge of graphic arts as related to photography; B.S. and M.S. degrees. Married, children, willing to relocate, resume on request. Reply to Photography, Box 2255, Abilene, Texas.

Assistant to Executive in Photographic Field. Extensive experience in aerial photography with

over 4,500 hrs pilot time, photographic interpretation, photogrammetry, photographic instrumentation, motion-picture production and photographic research and development. Member Am. Soc. Photogrammetry, SMPTE. Age 43, married. Resume on request. P.O. Box 4476, Pensacola, Fla.

Lab Tech. Motion-picture color timer, B&W timer, printer, neg. worker. Working knowledge as cameraman, operated optical and animation cameras, set up color printing operation in large laboratory. Loyal and hardworking, wishes position in motion-picture production organization or laboratory outside New York metropolitan area. Full resume on request. P.O. Box 145, Fort Lee, N.J.

In-plant, Audio-Visual Producer. Experienced live & film TV producer-director, Lab Chief and Sound. 20 years professional service for TV, industry & education. Age 41, married, willing to relocate. Personal film equipment list & resume on request. Have own 11 B Processor, B & H J Printer, Westrex & Maurer Recorders, available if desired. Johnson Tele-Visuals, Box 809, Denver 1, Colo.

Motion Picture Production. Experimental film maker with unlimited creative imagination. New York Univ. Motion Picture major, B.S. Degree. 5 yrs production experience; producer, director, editor own films. Two Cannes Film Festival Awards 1958, 1961; awarded silver medallion by Screen Producers Guild in Jesse Lasky Competition. Resume on request. Films available as sample of ability. Lloyd M. Williams, 304 East 90 St., New York 28.

Motion Picture Equipment Sales Engineer. 15 yrs extensive experience with top company. Heavy knowledge of theatre and recording equipment sales for export and related administrative export procedures. Loyal and hardworking, wishes position with company located in New York metropolitan area. Full resume on request. Reply to R. Valle, 1480 Hancock Street, Elmont, L.I., N.Y.

Positions Available

Sound Transmission Engineer. Familiar production and dubbing mixing, variable-area cross-modulation tests, and installation techniques for new motion-picture studio in British Columbia. Mild weather, good working conditions. Hollywood resident preferred. Salary commensurate with experience. H. M. Tremaine, 9658 Haddon Ave., Pacoima, Calif. EM 9-0386.

Rental Manager. Man to take full charge equipment rental department for Eastern Dealer. Experience handling cameras, lenses, lights, recorders, motors, editing, processing and printing machines etc. necessary. Good salary and advancement. D. J. Capano, S.O.S. Photo-Cine-Optics, 602 W. 52 St., New York 19.

Maintenance-Repairman for large Eastern supply house. Familiar with cinema processing machines, printers, optical benches, lab testing equipment. Knowledge of Moviolas, projectors, recorders, cameras etc. desirable but not absolutely necessary. Good pay, rapid advancement, air conditioned shop. Wm. Allen, S.O.S. Photo-Cine-Optics, Inc., 602 West 52 St., New York 19.

Staff Cameraman-Editor. Top-flight creative camera work is primary consideration, editing secondary. Must be fully qualified to handle both 16mm motion-picture and slidefilm photography. For small but expanding company with national accounts. Write Vogue Film Productions, Inc., Bowman Field, Louisville 5, Ky.



NEEDS...

a Mechanical Engineer with experience in design of optical and magnetic sound-recording equipment, together with a broad knowledge of projection equipment design.

a Sound-Recording Engineer experienced in recording motion-picture soundtracks, transferring, mixing and editing. Must have experience with current high quality recording equipment.

a Methods Engineer with experience in instrument or photographic field, capable of developing methods, time standards, plant layout, new processes, and of maintaining procedures and controls for production. Must have experience in all phases of machine shop, finishing and assembly operations required in production of equipment in medium quantity volume.

This is an opportunity to work together with a team engaged in finalizing the design of a new series of patented audio-visual and sound products and towards a program of systematic planned improvements of these designs.

PERSONNEL DEP'T

APPLICANTS SHOULD
SEND RESUME TO:

The **KALART** Company, Inc.
PLAINVILLE, CONNECTICUT
SHERWOOD 7-1663 Area Code 203

Cameraman. Prefer man with considerable experience in motion pictures and still photography. Midwest producer with fine reputation and financial standing wants man with ability and experience in lighting sets and operating camera on all kinds of interior and exterior photographic assignments. Very little travel involved in job. Write giving full details of past and present employment, and salary expected. Technisonic Studios, Inc., 1201 Brentwood Blvd., St. Louis 17, Missouri.

Quality Control. Man with college degree in chemistry, physics or optics to work in quality control of motion-picture laboratory. Submit resume to Technicolor, 6311 Romaine, Hollywood 38, Calif.

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.

Available

Transactions and all issues of the Journal from July 1927 to Dec. 1959. For sale as entire lot only. Henry Roger, Rolab Studios, Sandy Hook, Conn.

Index 1936-1945; Mar.-Sept., Nov., Dec. 1947; Jan., Feb., Sept., Nov., Dec., Index Jan.-June 1948; Jan., Mar. & High-Speed Photography, Apr.-July, Index Jan.-June, Sept.-Dec., Index July-Dec. 1949; Jan.-Oct., Dec., Indexes Jan.-Dec. 1950; Jan.-Apr., June, July, Sept.-Dec., Indexes Jan.-Dec. 1951; Jan.-July, Index Jan.-June 1952; Jan.-Aug., Nov., Dec., Indexes Jan.-Dec. 1953; Jan.-June, Aug.-Dec., Indexes Jan.-Dec. 1954; Jan.-Dec. & Index 1955; Jan.-Dec. & Index 1956; Jan., Mar. 1957; Jan., Apr. 1958. Available as entire lot for \$100. Camille Buyse, 1232 Chaussee de Wavre, Auderghem-Brussels 16, Belgium.

Jan. 1936 through Mar. 1957, except Mar. 1942 and Jan. 1945. Send offer to: R. S. Parris, 29 Charles St., Natick, Mass.

Assortment of Journals, from 1937 through 1950. Write: Alan Cook, South Londonderry, Vt.

Complete set of Journals March 1937 through May 1954. Best offer. A. R. Ulmer, 69 Cresskill Ave., Dumont, N. J. DU 4-8656.

Complete set of Journals January 1949 through December 1960, inclusive, including high-speed, special issues, indexes, directories, etc., in excellent condition. For sale as entire lot only. Leslie Helhena, P. O. Box 643, Burbank, Calif.

Complete set of Journals from January 1934 through June 1960. Excellent condition. For sale only as a set. Write: Don Norwood, 1470 San Pasqual St., Pasadena, Calif.

Complete set of Transactions, except Nos. 6 and 9, and all Journals published to date, including indexes. All in good condition. Price \$500. Also extra copies of Transactions Nos. 21, 31, 32. W. W. Hennessey, RFD #2, Pound Ridge, N. Y.

Complete set of Journals from May 1937 to June 1954, including special volumes and membership directories, excellent condition; also Mar., May 1934 and July 1935 issues. Write: Harry R. Lubcke, 2443 Creston Way, Hollywood 28, Calif. HO 9-3266.

Jan.-Dec. 1950; Jan., Feb., Apr.-Dec. 1951; Jan.-Mar. 1952. Also available are vols. 6 and 7 of The Television Society (British) covering the period Jan. 1950 through Sept. 1955. Write: Andrew N. McClellan, 65 Hillside Drive, Toronto 6, Ont., Canada.

Dec. 1946, Feb.-Dec. 1947, 1948-1955 complete. All copies in perfect condition; for sale as entire lot only. Write: Joseph W. MacDonald, 2414 Sullivan Ave., Columbus 4, Ohio.

Jan. 1947 to Dec. 1957 complete and in perfect condition. For sale only as a set. Write: Charles J. Marshall, 2816 Royalston Ave., Kettering 19, Ohio.

Complete set of Journals Jan. 1949 to Dec. 1958. Perfect condition. What offers? Write: J. G. Jackson, 210 Kingsway South, Port Alberni, B. C., Canada.

Nov., Dec., index July-Dec. 1951; Jan.-June, Oct.-Dec., indexes Jan.-Dec., Membership Directory 1952; Jan., Mar.-Nov., index Jan.-June 1953; Jan., Mar., May-Dec., indexes Jan.-Dec. 1954; Jan.-Dec. and index 1955; Jan.-Dec. and index 1956; Jan.-Dec. and index 1957; Jan.-Dec. and index 1958. Send offer to W. R. Clarke, 10948 Debra Ave., Granada Hills, Calif.

Jan., Mar. Pt. II (High-Speed Photography Vol. I), July, Aug., Sept., Nov. (High-Speed Photography Vol. II) 1949; Jan., Feb. 1950. Available for trade only for the following: Trans. No. 1; Journals: Feb. 1939; Mar. June 1950; July 1941; Feb.-May, July 1944; Jan., Feb., Apr., Aug. 1945; High-Speed Photography Vol. III. Gian Maria Rimoldi, Via Plinio 39, Milano, Italy.

Sept. 1949 to Dec. 1961, except May 1958, Feb. 1960, Nov. 1960. Write or call: Gerald I. Rawson, 98-120 Queens Blvd., Flushing 74, N.Y. TW 6-4489.

Wanted

Jan., July, Sept. and Nov. 1949; Jan and Feb. 1950. Century Lighting, Inc. (Mrs. Levine), 521 W. 43 St., New York 36, N.Y.

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FOR SALE: One Houston 35mm B & W negative-positive processing machine, daylight type, 40 ft/min positive speed. One 35mm negative-positive color processing machine 17 ft/min. Easy terms can be arranged. United Movie Technicians, Inc., 324 Union St., Hackensack, N.J. Tel: 201-342-0597.

FOR SALE: Used professional laboratory equipment—printers, rewinds, color heads, splicers, etc. Barry Green, 309 Madison Ave., New York 22. Tel.: PLaza 2-7970.

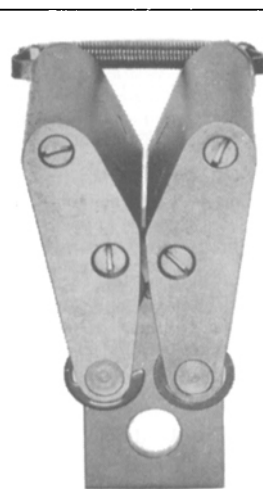
Jan. 1934. Ruth V. Judson, Librarian, CBS Laboratories, 227 High Ridge Rd., Stamford, Conn.

Journals—Bound volumes. Write: S. P. Solow, Consolidated Film Industries, Inc., 959 Seward St., Hollywood.

Transactions 6 and 9 (\$15 each offered). W. W. Hennessey, RFD #2, Pound Ridge, N.Y.

Jan. 1938, Jan. 1949. (Many other issues are available for trade.) Dept. of Cinema, Univ. of Southern Calif., University Park, Los Angeles 7. Att: Herbert E. Farmer.

Mar. 1939, May 1940, July, Feb. 1942, July 1949. V. E. Patterson, 2 North 30th St., Phoenix, Ariz.



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