

possible construction of magnetic memory arrays by merely interweaving horizontal copper wires and vertical magnetic wires. The name "Twistor" comes from a characteristic of wire made of magnetic material. Torsion applied to such a wire shifts the preferred direction of magnetization from a longitudinal to a helical path. The coincidence of a circular and a longitudinal magnetic field can then be used to insert information into this wire in the form of a polarized helical magnetization, and the magnetic wire itself can be used as a sensing means.

In conventional magnetic core memory devices, conductors must be threaded through the cores to make up a suitable matrix. When a ferrite sheet is employed, either a threading or a plating operation is necessary suitably to locate the conductors. With the Twistor, the ferrite material is eliminated and no threading or plating is necessary. Present indications are that the drive circuits for a Twistor array can be readily transistorized.

**The Philco Exicon**, an electronic instrument that increases the readability of x-ray negatives through contrast enhancement, was exhibited during the 11th Annual Clinical Meeting of the American Medical Assn. held in Philadelphia, December 3-6. The contrast enhancement device utilizes a flying-spot scanner which converts the information on the x-ray negatives into an electrical signal. The x-ray picture is reproduced for viewing on a TV-type monitor.

## Journals Available

**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.**

Issues beginning in 1953 available on a nominal basis. Write: Mitchell M. Badler, 1711 Davidson Ave., Bronx 53, N.Y.

Jan. 1930 through Dec. 1937; Journal SMPE issues; and Jan. 1930 through Dec. 1935, bound volumes of SMPE Journal; SMPE Transactions: Apr. 1919:8, May 1920:10; May 1922:13; Oct. 1922:15; May 1925:21; Oct. 1925:24; Apr. 1927:30; Sept. 1927:32; Apr. 1928:33; Sept. 1928:36; SMPE Membership Listings: 1928, 1930, 1938; SMPE Index and Authors: 1930-1935; SMPE Miscellaneous: ASA Z22-1930; Dim Stab of M.P. Films 1934; ASA Z22-1935; High Intensity Lamps-1935; Program Spring Convention Apr. 26, 1939. Write John Faber, 5 Edgewater Drive, Denville, N.J. Phone Rockaway 9-2623M.

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 Sullivant 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.



## 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

**Top Animation Cameraman** and technician with over 10 yr experience and 3000 commercial or show direction and production credits, desires position with live studio or TV station. Have own equipment including servo-automatic animation stand, adapted Mitchell 35mm camera, 35mm optical and magnetic recording equipment, roscopes, 3-D cameras, complete machine shop, still equipment. Experience as mixer, live cameraman, TV camera editor, art director, puppets, color processor, machinist, set construction, etc. Will relocate anywhere throughout the world. Write: Animated commercials, Inc., 451 West 50 St., New York 19.

**Motion-Picture Production.** Film student currently studying film at Institute of Film Techniques evenings, wishes full-time job in production, preferably in New York area. Recently finished ½-hr film at amusement park in N.J.; now working on experimental color film using animation. Energetic, with knowledge of many phases of film production; main interest and ambitions are in cinematography. Own 16mm equipment. Write: Leonard DeMunde, 534 Tillman St., Hillside 5, N.J.

**Motion Pictures.** Argentine, age 43, married, relocating permanently in U. S., seeks position with opportunity for advancement, preferably in California. 23 yr experience in photography, 12 yr teaching at government school; head of motion-picture dept. of local engineering college; familiar with most technical problems; lineal drawing; degree in optics; writer for photog. magazines; workable knowledge English language. Would prefer work in color lab but would consider other positions. For detailed information write or cable: Juan Esnaola, Lagos 1210, Rosario, Argentina.

**Studio Technician.** Young man (27), recent graduate of TV Workshop, finished in top three of class; thoroughly qualified audio engineer, TV cameraman, floor manager, video operator, dolly and boom operator, etc., with knowledge of scenery, special effects, lighting, color TV principles and operations. Seeking job in TV production. Willing to relocate anywhere (Timbuktu if necessary); will accept modest salary to start. Arthur K. Hirshman, 2242 Bragg St., Brooklyn 29, N.Y. Tel: N1ghtingale 6-3997.

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**Administrative Engineer.** The SMPTE's former Staff Engineer, Henry Kogel, is seeking a new position, after 6 years working with SMPTE Engineering Committees and the motion-picture standards program; also serving as Secy, American Standards Assn. Sec. Committee PH22, and Tech. Secy, International Standardization Orgn. Tech. Com. 36, Cinematography; 2 years, previously, develop. engr. with Sperry Gyroscope Co.; B.S. Elec. Eng., Columbia Univ., 1948, after military service as radio off.; recently sales engineer with Century Lighting Inc.; age 38; married; complete resume upon request. Henry Kogel, 19-24 202 St., Bayside 60, N.Y.; Tel. Bayside 9-3574.

**Film and TV Production Supervisor.** Thirty yr theatrical, industrials, trailers and TV commercials. Ten yr advertising agency experience in radio and TV productions. Will relocate. Resume on request. Write: Don McClure, 4 Pasture Lane, Darien, Conn.

**Motion-Picture Production Supervisor-Editor.** Ten yr experience industrial, TV and promotional films. Thorough background covering research, preparing script with writer, budgeting, selecting crew for location and studio shooting, laboratory control, editing through final release print. Experienced with 35mm B & W, Eastman-color and 16mm color. Member of Editors Local NYC, IATSE. Married, wish to relocate out of New York City. Resume and references on request. Howard A. Mann, 284 Prospect St., East Orange, N.J.

**Cameraman-Editor and Production Man** wishes position with industrial, educational or commercial film producers. B.A. Univ. Miami in radio-TV-film productions. Worked as news cameraman and editor for local TV station. Presently employed as editor and assistant cameraman with producers of industrial films and TV commercials. Married, one child, willing to relocate. Read, write, speak Spanish. Resume available. Write: Sidney Platt, 300 S.W. 31 Ave., Miami 35, Fla.

**Executive Management:** To utilize professional experience of 24 years as Administrator-Consultant in all phases photo-industry: budgeting, planning, engineering, purchase & installation of equipment, training, operation maintenance, repair, with studios and processing labs. built and operated in the USA & abroad; heavy experience in sales, sales promotion and market surveys throughout the USA in various products. Write: Dana C. Rogers, 405 W. 23 St., Apt. 10A, New York 11; or phone Watkins 4-8233.

**Assistant Film Director.** Experienced location work, scheduling, industrial and educational films, some editing, extensive theatre and writing background, desires production work New York area. Degrees in Journalism and Drama, age 29, veteran, single, excellent references. Resume on request. Write: S. M. Syna, 24 East 97 St., New York. Tel: TE 1-0444.

**Writer-Director-Editor.** Experienced in all phases film production, from dealing with sponsors to negative cutting. Have written and/or edited theatrical, television and industrial films. Considerable experience in sound recording and dubbing. Educational background includes work at Cornell, Columbia and USC Dept of Cinema. Desires permanent position with New York industrial film company. Resume on request. Write: E. S. Sceley, Jr., 91 Remsen St., Brooklyn 1, N.Y. Tel: ULster 2-1037.

**Motion-Picture Engineer.** Formerly Technical Supervisor, The Michael Todd Co., Inc. Expert all technical phases motion-picture production and exhibition. Specialized work with all wide-screen systems now in use. Professional background includes responsible positions in production and exhibition with: The Todd-AO Corp.,

NBC-TV, CBS-TV Newsfilm, 20th Century Fox, RCA Victor, Altec Service Corp. and others. Qualified engineering draftsman. College major: Radio-TV-Motion-Pictures. Age: 32; health: excellent. Seeking interesting, challenging position. Presently employed motion-picture recording. Willing to relocate. Carl E. Warner, 141-60 84th Rd., Jamaica 35, N.Y. Tel: Hickory 1-3357.

### Positions Available

**Design Engineer.** Responsible for product design of new products in field of photog. and meteorological instrumentation based on specification and design parameters supplied. Must have: degree in mech. eng., knowledge of electrical and electronic principles desirable; 3 yr exp. product design or detailed board design in optical or photog. instrumentation and/or mech. or mech.-electrical instrumentation and/or precision devices for low to medium production volume; 1 yr prod. eng. or equiv. exp. in eng. liaison, prod. prototype planning or testing; considerable knowledge machine tools, sand and die casting techniques, material finishing processes, standard fasteners, bearings and other mech. hardware. U. S. citizen. Salary: \$650-850 per month. Write: George Bingham, Beckman & Whitley, Inc., 973 San Carlos Ave., San Carlos, Calif.

**Development Engineer.** Responsible for creative engineering, development tests and experimental design of proposed products. Must have: degree in mech. eng. or eng. physics; thorough knowledge theoretical and applied eng. principles in mechanics, materials, optics, and some electronics; 2 yr exp. with optical devices and/or mech. or mech.-electrical instruments and/or cameras or photog. instrumentation; 3 yr exp. in development or research on precision mech. or elect. devices; high degree creative eng. ability, ability to perform detailed math. analysis of applied eng. problems and outstanding record of performance. U. S. citizen. Salary: \$650-800 per month. Write: George Bingham, Beckman & Whitley, Inc., 973 San Carlos Ave., San Carlos, Calif.

**Company Manager.** Exceptional opportunity for qualified man with 18 year old Los Angeles manufacturer of film laboratory equipment. Must be over 30, preferably experienced in laboratory equipment manufacture and operation, capable of evaluating product design. Full management responsibility. Require a leader to direct operations, develop equipment, spark sales, keep things moving! Good salary with genuine growth opportunity. Write qualifications and experience: Clyde D. Graham, 672 South Lafayette Park Place, Los Angeles 5, Calif.

**Executive Personnel.** Expanding 16 & 35mm film company with modern equipment in new building seeks competent, qualified and conscientious executive to take responsibility for lab work, producer's services, sound, animation and direction of production. Permanent position with security. Experience in some or all phases of operation essential; applicant should be interested in more than a routine job; opportunity for profit sharing and possible ownership. In application, give age, education, experience and salary requirements. All replies in strictest confidence. Write: Lab, P.O. Box 411, Dallas, Texas.

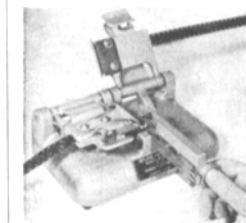
**Medical X-Ray Film Technical Sales.** Unique opportunity with national distributor of medical X-ray film for man with at least 2 yr chemical engineering college and exceptional selling personality. Must have knowledge of medical X-ray film developing, testing and evaluation in order to demonstrate film. Zest, initiative and get-up-and-go are also a must. Starting as salesman in New York area, position as technical sales manager will be open to applicant proving his mettle. Good salary plus commission with genuine growth opportunity. Write qualifications and experience to: L. Monteleoni, 1105 Park Ave., New York 28.

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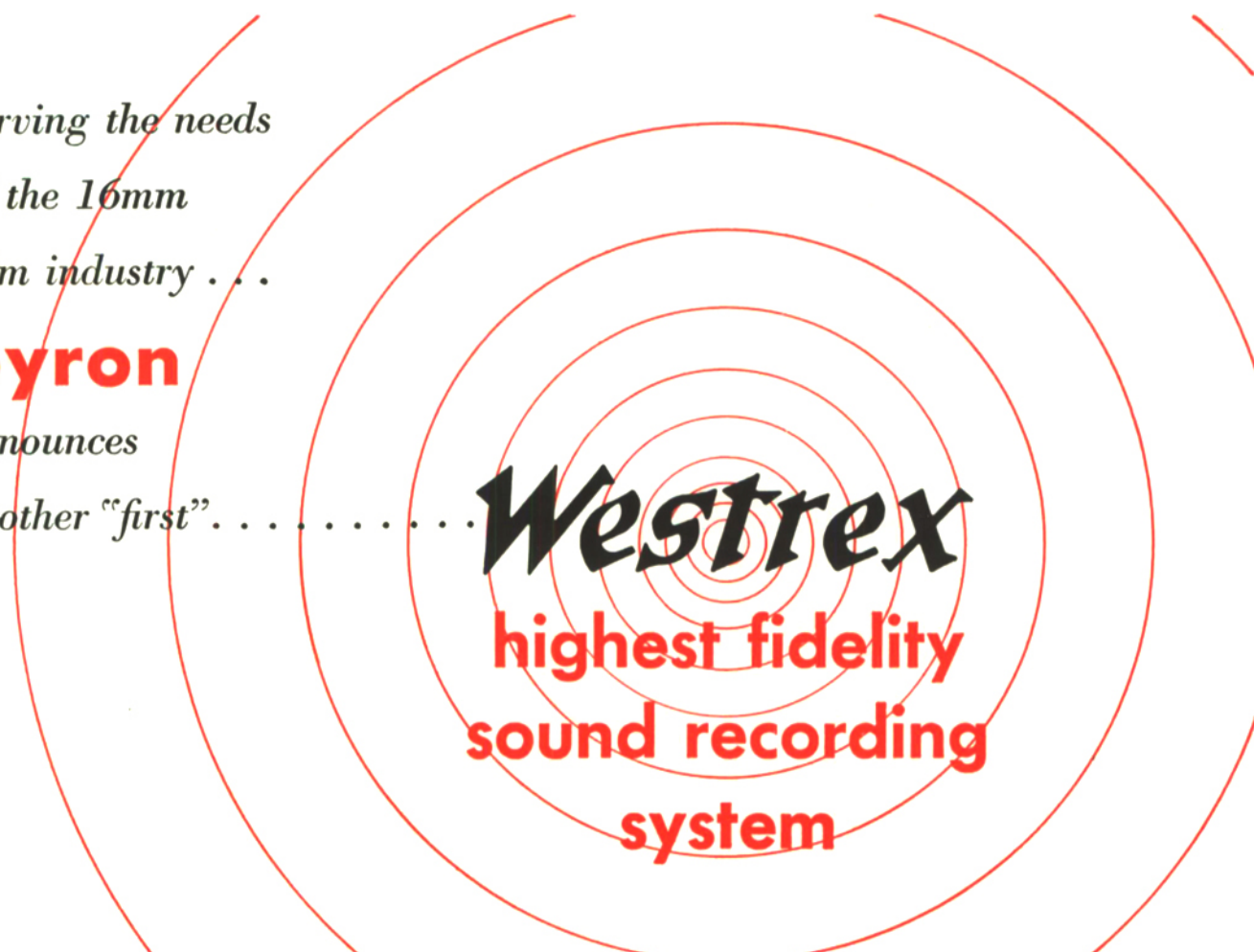
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