

AUDIO & VIDEO ENGINEERS

South African Assignments

BROADCAST VIDEO ENGINEERS

Will design and develop broadcast video systems. In addition, will supervise the installation and check-out of video systems and broadcast video equipment. These positions require BSEE or equivalent and a minimum of 5 years broadcast systems experience in design, installation and testing.

BROADCAST AUDIO AND COMMUNICATIONS ENGINEERS

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numbers referenced to the numbered entry in the bibliography. To find all of the articles published by a particular author during the period covered (which is not clear, but approximately 1970 through mid-1972), merely look up the author, whether or not he is the principal author, and read off the entries under his name is very convenient. Using the inventor index is also convenient.

An extremely interesting feature of this book is the catchword title index for both the patents and articles. Following alphabetical listings of catchwords such as "medical applications," "high-speed holography," "real-time holography," and so on are the references to either the patent number or the bibliography number.

I am sure that anyone who needs to do a literature search in the area of holography will find this book very helpful. — *Howard M. Smith*, Eastman Kodak Co., Research Laboratories, Rochester, NY 14650.

Guide to Locating U.S. Government Technical Information, Technology and Patents

Published (1972) by TTA Information Services Co., 4 W. 4th Ave., San Mateo, CA 94402. 86 pp. (four main sections) 8½ by 11 in. Hardcover. Ringbound. Price \$15.

A major problem of getting information from the government is that of determining what is available and finding out where to go to get it. There is no single source for government publications and no single system of codifying information, so the seeker after knowledge conceivably could flounder through mazes of govern-

ment agencies, departments and offices before finding any clue to helpful publications within the field of his special interest.

This *Guide* is intended to make it easier for the "seeker after knowledge" to find what he is looking for. It supplies information on government publications, including patents and reports, and how to acquire them. It offers clearly presented information as to what publications are available, where (in what agency or department) they are, and how to address a request for a specific document.

The four main sections cover general sources of information, technical information sources in individual agencies, information and data services designed to spur technology transfer and utilization, and sources of information on government-owned patents and licensing. Some patents available for domestic and foreign licensing are also listed.

The first section contains information on material available from the Government Printing Office; The Library of Congress; and the Department of Commerce. The second section contains material available from the National Technical Information Service; National Bureau of Standards; Division of Technical Information Extension (AEC); Science and Technical Information Division (NASA); Science Information Exchange; Smithsonian Institution; and Information Analysis Centers. The third section contains information available from the Technology Utilization Division (NASA); and Small Business Administration. The fourth section contains information from the Patent Office; Atomic Energy Commission; and National Aeronautics and Space Administration. — *Edit.*

current literature



The Editors present for convenient reference a list of articles dealing with subjects cognate to motion-picture engineering published in a number of selected journals. Photostatic or microfilm copies of articles in magazines that are available may be obtained from the Library of Congress, Washington, D.C., or from the New York Public Library, New York, N.Y., at prevailing rates.

American Cinematographer

- Filming the Circus in a 70mm Vertical Format, *Greg Dinallo*, Vol. 54, No. 2, p. 146, Feb. 1973.
- The New Panaflex Camera Makes Its Production Debut, *Herb A. Lightman*, Vol. 54, No. 5, p. 564, May 1973.
- The Underwater Filming of *Treasure Galleon*, *Jack Cosgrove*, Vol. 54, No. 6, p. 710, June 1973.
- Underwater Specialist, *Sam Smith*, Vol. 54, No. 6, p. 710, June 1973.

Audio Engineering Soc.

- Gradient Loudspeakers, *Harry F. Olson*, Vol. 21, No. 2, p. 86, Mar. 1973.
- Quadraphonic One Point Pickup Microphone, *Takeo Yamamoto*, Vol. 21, No. 4, p. 256, May 1973.

Brit. Kinemat. Sound and Television

- The Community Television Experiment, *Gordon White*, Vol. 55, p. 46, Feb. 1973.
- Why 200 Only? The History and Techniques of Feature Length Animated Films, *John Halas*, Vol. 55, p. 72, March 1973.
- Lighting for Motion Pictures, *Freddie Young*, Vol. 55, p. 94, Apr. 1973.
- Educational Television — An Exercise in Compromise, *Janos Reeves* and *Chris Thomson*, Vol. 55, p. 120, May 1973.
- A Device for Superimposing Letters on the TV Screen, Vol. 55, p. 126, May 1973.
- Educational Television at Highbury Technical College, *David Frampton* and *John McKenzie*, Vol. 55, p. 272, Aug. 1973.

Jour. of Broadcasting

- State and Local Taxation of Commercial Broadcasting, *William Joseph Kennedy*, Vol. 17, No. 1, p. 77, Winter 1972-73
- Broadcast Legal Documentation: A Four-Dimensional Guide, *Don R. Le Duc*, Vol. 17, No. 2, p. 131, Spring 1973.
- Preserving TV Programs: Here Today — Gone Tomorrow, *Ruth Schwartz*, Vol. 17, No. 3, p. 287, Summer 1973.

Use of Mass Media by U.S. Army Personnel, *Eugene A. Kroupa*, Vol. 17, No. 3, p. 309, Summer 1973.

Photogrammetric Eng.

Simple Multispectral Photography and Additive Color Viewing, *Donald S. Ross*, Vol. 36, No. 6, p. 583, June 1973.

Jour. Opt. Soc. of America

Spectral Extinction of Colloidal Silver, *D. C. Skillman and C. R. Berry*, Vol. 63, p. 707, June 1973.

Photo Methods for Industry

IR-CCTV Aids Wildlife Survival, Vol. 16, p. 41, Apr. 1973.

Lip-Sync Super-8: The Definitive System, Vol. 16, p. 36, Sept. 1973.

Popular Phot.

Video Tape vs Super 8, *Don Sutherland*, Vol. 73, No. 3, p. 112, Sept. 1973.

SPIE Jour.

A Low-Light-Level Objective Lens With Integral Laser Channel, *P. R. Yoder, Jr. and I. Friedman*, Vol. 11, No. 6, p. 127, Nov./Dec. 1972.

Imaging in Nuclear Medicine with Incoherent Holography, *W. L. Rogers, L. W. Jones and W. H. Beierwaltes*, Vol. 12, No. 1, p. 13, Jan./Feb. 1973.

Lens Testing With a Wavefront Shearing Interferometer, *D. Nyssonen and J. M. Jerke*, Vol. 12, No. 3, p. 106, May/June 1973.



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 Available

Engineers. RCA seeks engineers for applied research in the developmental program for "SelectaVision"... a new dimension in home entertainment. **Video Engineer:** design and modify video signal processing devices using solid state technology. BS/MSEE with electronics or communications option, plus experience in design and operation of color video signal handling methods. Knowledge NTSC-SMPTE video standards a must. **Electronic Equipment Maintenance Engineer:** Heavy emphasis on video display units. BSEE plus in-depth experience in test and repair of complex electronic equipment. Resumes to: R. J. LaFace, RCA Corp., 6550 E. 30th St., Indianapolis, IN 46219. An equal opportunity employer M/F.

Mechanical/Electronics Repair Specialist. This is an excellent opportunity for an individual

in a career in one of the country's best and most progressive full service labs. If you have extensive experience in Maintenance of Lab Equipment, please write Scott King at WRS Motion Picture Laboratory, 210 Semple St., Pittsburgh, PA 15213 or call (412) 683-6300.

Physicist Calibration Expert in Photometry/Radiometry. Permanent position for engineering or sales-oriented physicist in growing, established company. Must have experience in photometry/radiometry and be able to set up and maintain radiometric calibration laboratory. Other responsibilities include providing applications assistance to engineering and/or sales department, and supervising quality assurance functions in photometry and radiometry. Send complete resume, including salary history, to: Photo Research, Div. of Kollmorgen Corp., 3000 N. Hollywood Way, Burbank, CA 91505.

Positions Wanted

TV-Technician/Film-Technician/Artist. BA from Southern Methodist University in radio, TV and film. Diploma from American Schools of Cinema in lighting, cinematography, editing and sound. 5 years experience in radio, TV film, art and animation. Worked in movies, national TV shows and TV commercials out of Dallas. Pioneered one of the first religious TV stations and

one of the first religious TV networks in the world, as artist, ad artist and TV technician. Member SMPTE and International Christian Broadcasters. Artist for Dallas offset printing companies and film studios, in the field of titles, animation and slides. Will travel anywhere. P. D. Closser, 3875 Dunhaven Rd., Dallas, TX 75220. (214) 352-2090.

A/V Production. 20 years experience in motion-picture and television production. Especially interested in an in-house photographic or A.V. department. Full resume on request. R. B. Rieske, 3266 Seneca St., Bldg. 4, Apt. 9, W. Seneca, NY 14224, Phone: (716) 675-5355.

Management-technician. Experienced professionally in sound reinforcement, recording, theatrical lighting and motion-picture equipment. Eight years experience in facility management, design, direction, and service. Broad experience in dealing with the public. Interested in relocating and travel. Resume available and detailed information on request from John Bondi, 110 Jefferson St., Bakersfield, CA 93305, (805) 324-3884.

Film Production. Young man earnestly desires work in film production. Audio and television experience. Familiar with equipment. Engineering grad. Will start at bottom. Steven Mintz, 119 Bank St., New York, NY 10014. (212) 691-8754.

MALACHITE FILMS

An expanding Film Production Company operating on a national scale in Zambia. It is owned by Nchanga Consolidated Copper Mines Limited (Zambia's major copper producer employing over 30,000 persons) and has immediate vacancies for

Director/Cameraman

£5,500 +

Film Laboratory

Technician £5,500 +

Editor £3,900 +

The Company is well equipped by any standards. Cameras include BL and standard Arriflex, Cameflex 16/35, Kodak Reflex Special and Eclair NPR; sound includes Nagra III and IV, crystal sync and radio mikes, Sennheiser rifle mike. The dubbing studio; RCA eight-channel console, Revox auxiliary recorders, rock and roll with electronic footage counter; editing; an eight plate Prevost, Moviola, tape-Rivas, hot butt weld splicers, Pic-syns; as well as a good range of lighting and accessory equipment. Facilities also include colour reversal and negative processing as well as rush printing by Eclair-Debie subtractive colour printer.

Not only are films made for the industry but a great deal of outside work is carried out for the Zambian Government and many major concerns. Applicants should have relevant experience in all phases of film making related to the specific posts. The successful applicants will be required to train Zambians. Terms and conditions are attractive, and salaries gross p.a. as above (or dependent on experience).

Employees may send up to a third of their gross salaries out of the country on a monthly basis.

Contracts, which will be for three years, include the following benefits: • Tax free cash settling-in allowance • Generous leave • Passages to and from Zambia for employee and family • Subsidised housing and medical aid scheme • Tax free education and education travel allowances for children • Free Life Assurance.

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