

ture characteristics comparable to lenses using extension tubes in the near-macro range. Zooms called "close-focusing" have reproduction ratios in the range of 1:2.3 to 1:4.4 at their closest focus positions. Zooms with reproduction ratios falling below this ratio at closest focus are classified as "normal" zoom lenses. For consistency with the newly established classifications, Vivitar is reclassifying its own Automatic Fixed Mount 85-202mm  $f/3.8$  lens from a "macro-focusing" to a "close-focusing" zoom lens.

**The Plastic Reel Corp. of America**, 640 South Commercial Ave., Carlstadt, NJ 07072, has established a new Customer Service Dept. for the audiovisual industry. The department will work with audiovisual suppliers to develop packaging, storage and handling materials for the new products in advance of the introductory marketing date. The announcement noted that for certain new products traditional types of film cans, reels, storage cases, etc. may not be suitable, and new kinds of packaging must be devised. Among such products are newly developed tape units, disc-TV players, and various large-screen and automated TV receivers, the announcement stated.

**Karol Media**, P.O. Box 2000, South Hackensack, NJ 07606, a new film distribution company, has been established by Fontaine Kincheloe, formerly Vice-President of Modern Talking Picture Service. The new company will distribute sponsored films for companies, associations, and government agencies as well as selected educational films on a rental basis. The company will also provide specialized consulting and marketing services for sponsors, producers and for other distributors.

**Cinema Products Corp.**, 2037 Granville Ave., Los Angeles, CA 90025, has announced the availability of a lapel pin which is an accurate and detailed miniaturized reproduction of the CP-16R camera. The pin (which has a silver-like finish) is available without charge to all owners and users of CP-16 cameras, reflex or nonreflex models. In requesting the pin, company affiliation and title and the serial number of camera owned or operated should be specified.

**Duca-Richardson, Inc.**, Evergreen, CO 80439, is a new firm formed by Robert F. Richardson and James F. Duca, formerly of Computer Image Corp., Denver, Colo., to design, manufacture and market a new generation of production, master control, editing and routing switching systems for the television industry. Richardson heads the company and Duca is Senior Vice-President and Director of Technology.

**A & G Concepts**, a San Diego-based television production company, will produce a series of television commercials for an Arabian bottled water company, it was announced by Phil Aronson, A & G President. The commercials will be made for Gulfa Natural Mineral Water of Dubai, one of the United Arab Emirates. The water is bottled with the aid of Evian, a French bottling firm. The commercials will be the first ever produced for a bottled water firm in that country where "water is far more precious than oil," Aronson said.

**Emmett N. Leith**, Professor of Electrical Engineering at the University of Michigan, and **Juris Upatnieks**, Staff Scientist at the Envi-

ronmental Research Institute of Michigan, are the first recipients of the R. W. Wood Prize awarded by the Optical Soc. of America. The prize was established by the Optical Society to recognize individuals for outstanding discoveries, scientific and technological achievements and/or inventions. The prize recognizes contributions that open new fields of research or significantly expand established fields. Leith and Upatnieks were honored for their contributions to holography, in particular for their recognition of the improvement in signal-to-noise to be gained by off-axis holography and their demonstration of this method.

A paper by Leith and Upatnieks, "Reconstructed Wavefronts and Communication Theory" in the October 1962 issue of the *Journal of the Optical Society of America* described the theory and practice of novel and highly effective methods for holography. A paper authored by Leith and Upatnieks with B. P. Hildebrand and K. Haines, "Requirements for a Wavefront Reconstruction Television Facsimile System" appeared in the October 1965 issue of the *SMPTE Journal* and (with A. Kozma and N. Massey) "Hologram Visual Displays" appeared in the April 1966 *Journal*.

Their subsequent work has greatly expanded the applications of holography, the citation notes, but it was their initial research done without benefit of the laser that is responsible for modern holography.

**Gary Gross** has been appointed National Marketing Manager for Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025, it was announced by Ed DiGiulio, President. In his new post he will be responsible for expanding Cinema Products domestic dealer network to meet the demand for Cinema Products 16mm and 35mm professional motion-picture cameras and accessory equipment.

**Robert Kalin** has been appointed General Manager of WRS Motion Picture Laboratory, 210 Semple St., Pittsburgh, PA 15213, it was announced by F. Jack Napor, President. Kalin has been with the firm since 1963. His most recent post prior to his new appointment was that of Production Manager.

**Peter Comandini** has been appointed Director of Technical Sales for Image Transform Inc., 4142 Lankershim Blvd., North Hollywood, CA 91602. He has been with the company since 1972 where his most recent post prior to the new appointment was that of Assistant Director, Customer Service.

**David H. Phillips** has been appointed Technical Manager, Motion-Picture Products, for Agfa-Gevaert, Inc., 275 North St., Teterboro, NJ 07608, it was announced by Robert A. M. Coppenrath, President. Prior to joining Agfa-Gevaert, Phillips had been supervisor of quality control for Cinelab Corp. in New York. In his new post he will provide technical assistance for users of Agfa-Gevaert products and will assist in the technical training of the firm's sales and laboratory personnel.

**Frank Rush** has been appointed senior field sales engineer in broadcast video sales for Ampex Corp., 401 Broadway, Redwood City, CA 94063, it was announced by Richard Sirinsky, National Sales Manager, Ampex Audio-Video Systems Div. Rush will be headquartered in Bethesda, Md., and will be re-

## Erratum

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The photograph is wrongly identified. The two people at the left of the photo are not Mr. and Mrs. John Newell. They are Mr. and Mrs. Burton Stone.

responsible for sales in Pennsylvania, Maryland, The District of Columbia, Virginia, and West Virginia.

**Albert E. Audick**, former Commander of the American Forces Radio and Television Service has been appointed the Washington, D.C. area Liaison Manager for International Video Corp. Col. Audick, who retired from the U.S. Air Force in November 1975, will be responsible for IVC's liaison with all government and government support organizations in the Washington, D.C. area. Headquarters of IVC, manufacturer of color videotape recorders and cameras for use in broadcast and closed-circuit television, are at 990 Almanor Ave., Sunnyvale, CA 94086.

**Leonard W. Hollander**, formerly Vice-President of Cinemobile Systems, Inc., has been appointed Vice-President of Nationwide Rentals for F&B/CECO with headquarters at 7051 Santa Monica Blvd., Hollywood, CA 90038. In addition to Cecomobiles and the regular lines of camera, lighting, grip and sound equipment rentals, Hollander plans to inaugurate a total production service which will provide all below-the-line services required by the producer including hiring crews, scouting locations, payroll and audit services, budgeting, props, catering, etc. Hollander's appointment is in line with F&B/CECO's program for a west coast expansion.

**James L. Wassell** has been appointed Vice-President, Marketing, for Kalvar Corp., 907 South Broad St., New Orleans, LA 70185, it was announced by Harold Harsh, President and Chief Executive Officer. Wassell had held the post of Central Regional Manager for Kalvar since 1972. He was Director of Marketing for the Professional Equipment Div. of Bell & Howell and General Manager of Hollywood Film Co. before joining Kalvar's affiliate, Metro/Kalvar, Inc.

**Allen Stagg** has been appointed to the post of Cassettes Manager at Rank Video Centre, it was announced by Raymond Dufield, Managing Director, Rank Film Laboratories Ltd., Denham, Uxbridge, Middlesex UB9 5HQ, England. Stagg was previously Recording Studio Coordinator (UK) for Polydor International. Earlier he had been General Manager of E.M.I. Studios and Head of Sound at MGM Studios. In his new post he will be responsible for the administration of a videocassette and nonbroadcast videotape recording service.

**Frank Worthington** has joined Eprad, Inc., Box 4712, 123 West Woodruff, Toledo, OH 43620, as Central Regional Sales/Technical Support Manager, it was announced by Al Boudouris, Eprad President. Worthington's headquarters will be in Cincinnati and he will be responsible for providing technical sales and service support to Eprad dealers in the Central Region. He will report to Barry Zadi-gian, Eprad Vice-President.

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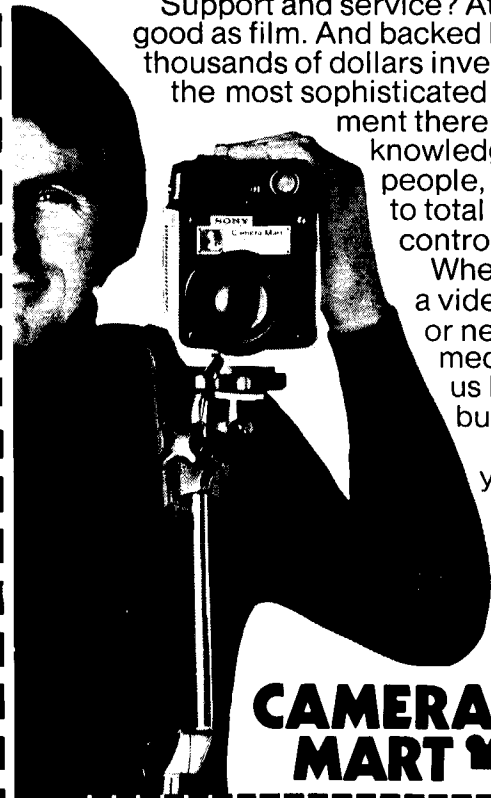
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