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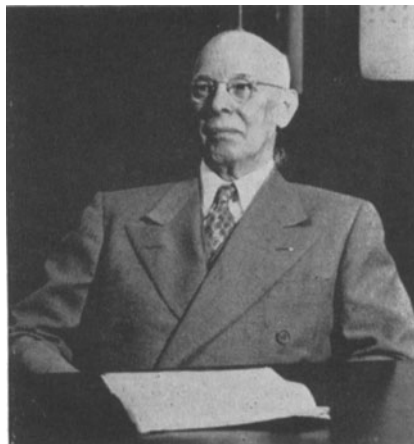
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Lookout Mt. and told how the Squadron had covered nuclear device tests by AEC.

The Section extended its thanks to Walt Disney Studios and Robert Cook for providing a meeting place in the Disney Studio Theater.—*John W. DuVall*, Secretary-Treasurer, c/o E. I. du Pont de Nemours & Co., 7051 Santa Monica Blvd., Hollywood 38.

## Biographical Note



**William F. Little**, President of Electrical Testing Laboratories, Inc., New York, retired on December 31, 1956. His career began in 1903 when he joined the Electrical Testing Laboratories (then known as the Lamp Testing Bureau), following his graduation from Rutgers. In 1906 he became affiliated with the H. W. Johns-Manville Co. as manager of the Victor Instrument Co. In 1910 he returned to ETL where he remained until his retirement.

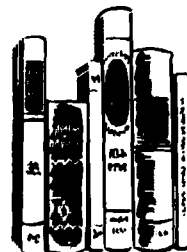
Honors accorded him during his long and distinguished career include appointment to the International Commission on Illumination as U.S. Representative of the Committee on Photometric Accuracy. He was made a Fellow of SMPTE in May 1954. He served on the Society's Committee on Screen Brightness from 1948 to 1952. He was elected to various offices in the Illuminating Engineering Society and is both a Fellow and Medalist in that organization. He was made a member emeritus of the IES on the occasion of his retirement. He is a charter member of the Inter Society Color Council, a member of the American Optical Society and other scholastic and professional groups.

During World War I and II he made a considerable contribution to the development of the war-born art of camouflage. In World War I he worked with Thomas A. Edison and his group in designing special equipment and applying theories of brightness and contrast to brightness measurements of the sky, water surface and underwater.

Since 1919 he has been active in testing and helping standardize lights for automobiles and he has greatly influenced present-day safety laws and regulations. He has patented a number of automobile lights, a photometer, a light unit and a portable lamp assembly and at present has patents pending on wall lamps and floor lamps. He has designed and cooperated in the de-

sign of various types of photometers and reflectometers. Before 1906, he helped develop and build the first variable autotransformer, later manufactured as the Variac. While he was with the H. W. Johns-Manville Co. he designed the luminaires for general lighting and cage and window lighting, and upon his return to ETL in 1910 as Head of the Photometric Dept., he helped to design and build the first successful photoelectric integrating photometer for measuring of incandescent lamps.

He is the author of a number of papers on such topics as Photometry, Light and Color Measurements, Automotive Lighting Equipment, Certification of Lighting Equipment and others. He is co-editor of the chapter on Illumination in the 7th and 8th editions of the *Standard Handbook for Electrical Engineers*.—*R.H.*



## books reviewed

### Dictionary of Cinema, Sound and Music in Six Languages

Compiled and arranged by W. E. Clason. Published by Elsevier Publishing Co. Distr. in U.S. by D. Van Nostrand Co., Inc., 120 Alexander St., Princeton, N.J. 6 X 9 in. 948 pp. Price: \$19.75.

In the February 1956 *Journal*, pp. 85-91, "A Listing of Motion-Picture Technical Terms in Five Languages," by Carlos Conno Santini, attempted to find equivalents in English, Spanish, French, German and Italian for terms in common use among motion-picture men in the various countries. From the letters received, and the demand for reprints, it was evident that the need for such a glossary was widespread. A note in the August *Journal*, p. 450, drew attention to a more ambitious list published in the *Anuario del Cinema Italiano*. This list did not include Spanish, however.

Now, W. E. Clason, who is head of the Translation Dept. at Philips' Electrical Works, Eindhoven, Holland, has put together this impressive dictionary of more than 3200 terms in English, French, Spanish, Italian, Dutch and German, covering words used in music and acoustics as well as in the motion-picture field.

The first and largest section in the book is an alphabetical listing of English terms, each numbered, with definitions in English, and the equivalent terms in the five other languages stretching across each double-page spread. Where variations occur in American and British usage, the variants are shown. This section occupies 751 of the book's 948 pages.

The remainder of the book consists of five lists of the same terms in the other five languages, in which each term is indexed by



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item number back to the first section where the definition and equivalents in other languages may be found. This arrangement makes the book primarily of interest to those whose principal language is English, since the only definitions are those given in that language.

However carefully made, any compilation of this kind will be open to some disagreement about the usage or definition of individual terms, and undoubtedly a few of the usages here, particularly of the slangier terms, could be questioned. But the great majority of those pertaining to the motion-picture industry seem to be accurate, and in many cases where apparently some doubt might exist about exact equivalents variants are given in each language.

Those interested in foreign language equivalents of technical terms should note that Elsevier has previously published several other dictionaries in six languages, all of them compiled by Mr. Clason, including one on television, radar and antennas; one on electronics and waveguides; and another on amplifiers, transmitters and receivers. All these are also handled in this country by D. Van Nostrand, Inc.—D.C.

### Supervision of Scientific and Engineering Personnel

Bulletin No. 26, Compiled by John T. Lloyd and Robert D. Gray. Published (1956) by the Industrial Relations Section, California Institute of Technology, Pasadena, Calif. 82 pp., paper covered, 9 × 11 in. Price \$8.75

This bulletin covers such topics as the Characteristics and Development of the Professional Employee, Building and Maintaining a Good Technical Team, the Supervisor's Role in Professional Development, and Organization of a Professional Work Group. It also presents opinions on unionization of professional employees, policies for salary administration, benefit plans and other relevant matters.

Compiled in outline form, it is derived from a number of conferences of experts in the fields of industrial relations, engineering and psychology, and is a composite of the opinions advanced in these meetings. Although the outline is directed to supervisors of engineering personnel and especially those in large organizations, it is also of value for those in personnel work and individuals who may only occasionally be placed in a supervisory capacity.

A remarkably sound and concise compilation, it seems to anticipate and answer any question that could possibly arise in a supervisor-employee relationship on a professional level. While it offers practical assistance to supervisors of engineers, it is also of interest to professional employees of all categories.

A companion bulletin, No. 26A, *Conference Leader's Guide*, is included with Bulletin No. 26 if requested when ordering.

**British Broadcasting**  
**Radio and Television in the United Kingdom**

### British Broadcasting

#### Radio and Television in the United Kingdom

By Burton Paulu. Published (1956) University of Minnesota Press, Minneapolis 14, Minn. 457 pp. Price \$6.00

This is an excellent source book for students interested in the historical, sociological and technical values involved in a comparison of British and American broadcasting policies and practices. The author, Dr. Burton Paulu, did the basic research for the book as a Fulbright scholar in London during 1953-54, when the new Independent Television Authority was being debated in Parliament and the British Broadcasting Corp. was laying its plans to meet competition. The author places major emphasis on program descriptions but also discusses audience reactions, staff and technical facilities, and finances.

**All of the standards** pertaining to metallic electrical conductors, set by the American Society for Testing Materials, have been compiled in a 300-page paper-covered book priced at \$3.50. Standards developed by the ASTM Committee B-1 on Wires for Electrical Conductors, and related standards from other ASTM committees are included.

The standards cover: (1) copper, copper alloy and copper covered steel; wire; stranded conductors; rods, bars, and shapes; pipes and tubes; (2) aluminum: wire; stranded conductors; rods and bars; (3) galvanized steel core wire; and galvanized iron and steel guy messenger, span, overhead ground, and line wire.

Further information is available from American Society for Testing Materials Headquarters, 1916 Race St., Philadelphia 3, Pa.

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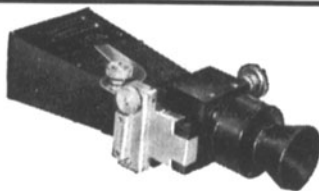
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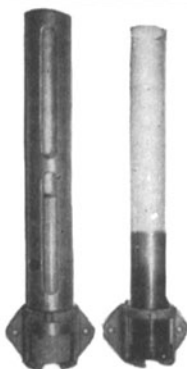
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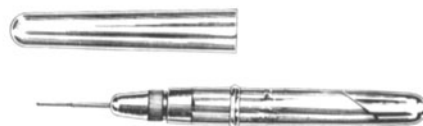
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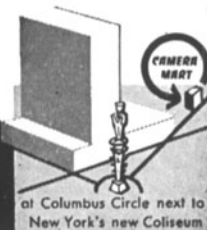
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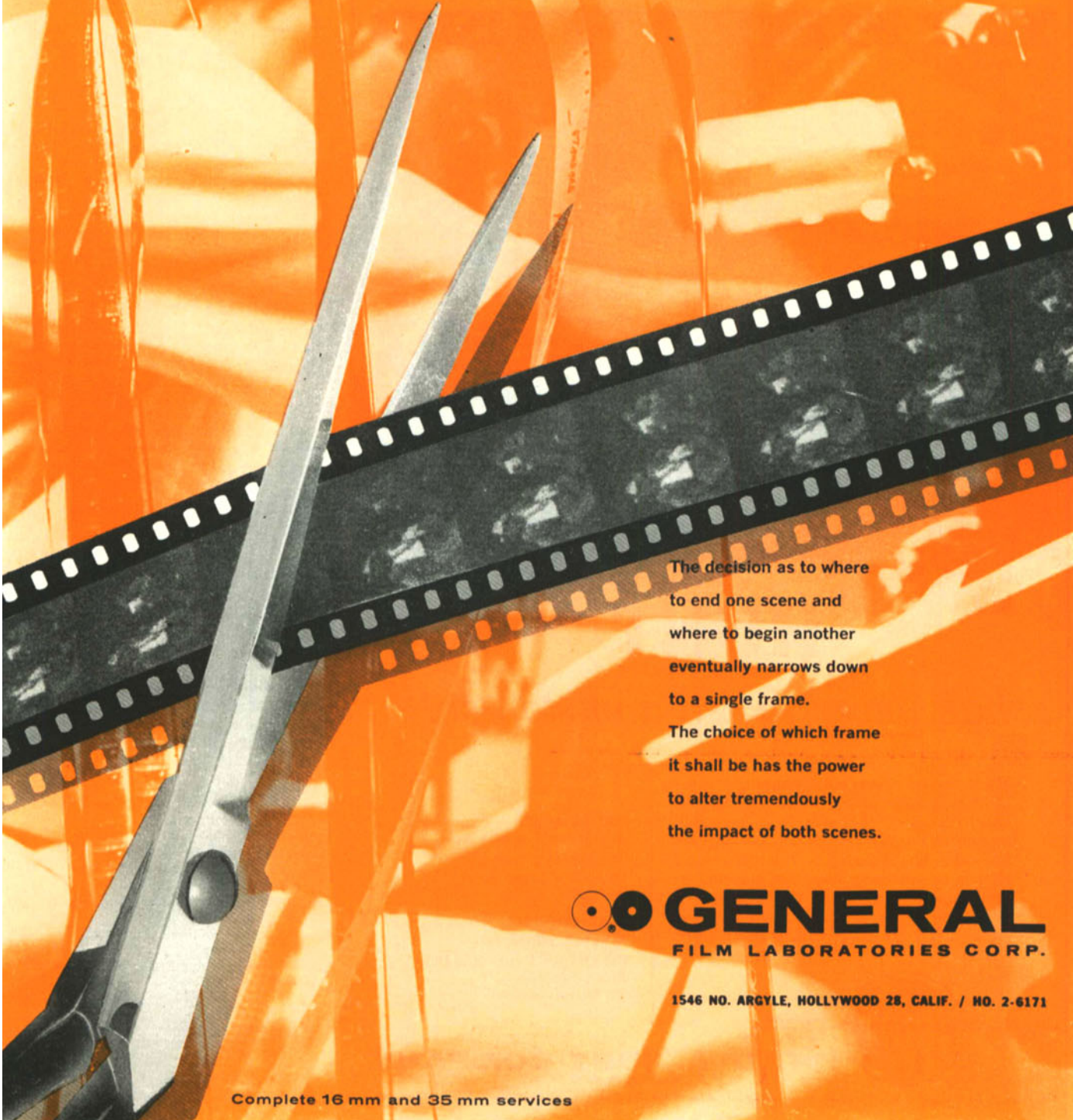


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An 88-page handbook of color photography, available from the Department of Publications, Ansco, Binghamton, N.Y., at a price of 75 cents, is of special interest to the amateur photographer. The book contains detailed instructions and recommendations to help even the least experienced photographer make color transparencies on high-speed Anscochrome Film.

The book is profusely illustrated, containing 53 four-color illustrations as well as pictures in black-and-white. Complete chapters are devoted to hints and suggestions for getting correct exposure and for using exposure meters and guides. Diagrams and charts give suggested lighting arrangements for indoor portraiture with 2-, 3- and 4-lamp setups.

One chapter of the book describes the nature of light and tells how colors are formed. Another explains how lighting contrast affects color fidelity and shows how the experts use reflectors and synchro-sun flashlighting to control contrast and color reproduction.

The Technical Section of the book describes how Anscochrome Film forms colors. It also gives formulas for reducing the dye density of each of the three dye image layers. Information is also included on the making of tricolor separation negatives from Anscochrome film transparencies and for masking to control contrast and colors.

## 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** vol. 37, Sept. 1956  
 'Moby Dick' Sets New Style in Color Photography (p. 534) *D. Hill*  
 New Blimp for Arriflex 16 (p. 540)  
 Eastman Plus-X Panchromatic Negative Film (Type B) (p. 542) *E. Huse*

vol. 37, October 1956  
 Time-lapse and Telephotos Probe Nature's Secrets (p. 598)  
 A Method for Syncing the Pre-Scored Playback with the Picture Film (p. 600) *Roy Zepher*  
 Photographing the Television Image (p. 604)  
 Operation "Deepfreeze" (p. 606) *Joe Henry*  
 Photography Aids in Establishing Speed Mark for New Fighter Plane (p. 610) *John Forbes*

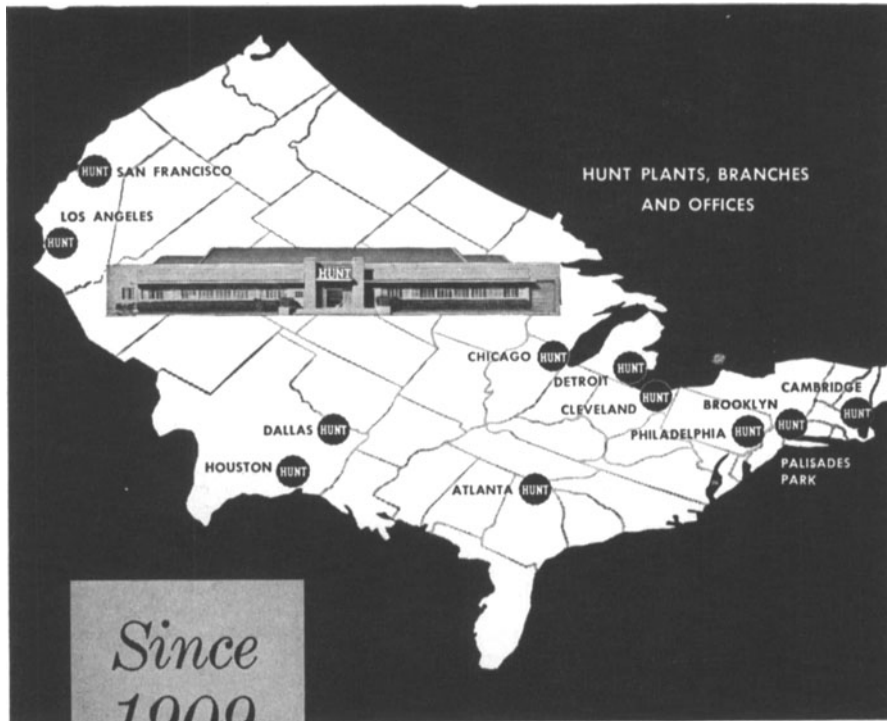
**British Kinematography** vol. 29, Aug. 1956  
 Synchronous Sound Recording using the Synchropulse Process (p. 41) *N. Levers*  
 The Capabilities of 16mm. Film (p. 53) *T. P. Hadingham*

vol. 29, Sept. 1956  
 The Rome Conference—International Conference on Cinematograph Technology—An Appreciation (p. 82) *H. S. Hind*  
 Second International Conference on Cinematograph Technology (summary of the papers) (p. 26)  
 Anamorphic Optical Printing (p. 89) *G. H. Cook*

**International Projectionist** vol. 31, Sept. 1956  
 Development of the Super Cinex Lamp (p. 7) *C. S. Ashcraft*  
 Magnetic Tracks on Release Prints (p. 10) *R. A. Mitchell*

**Kino-Technik** vol. 10, Sept. 1956  
 Deutsche Kinotechnik im Filmbild der Welt (p. 318)  
 Kino-ein Magnet für die Völker im Vorderen Orient (p. 322) *K. Braune*  
 Drei Jahrzehnte Film—und Kinoförderung in Persien (323) *E. u. A. Surkow*  
 Pakistan—junger Staat mit eigener Filmproduktion (326) *Dr. Brocksien*  
 Indonesien—Land mit wechselnder Filmgeschichte (p. 328) *Dr. Brocksien*  
 Hindustan—das drittgrösste Filmland der Gegenwart (p. 330) *Dr. Brocksien*  
 Japan—zweitgrösstes Filmproduktionsgebiet der Welt (p. 334)  
 Barrandov—die moderne Filmstadt der Tschechoslowakei (p. 336)  
 Erster Rundgang durch die "Photokina 1956" in Köln (p. 348)

**Philips Technical Review**  
 vol. 18, No. 3, 1956-57  
 A Pentode Gun for Television Picture Tubes (p. 73) *J. C. Francken, J. deGier, and W. F. Nienhuis*



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