

immediately recognized, is that of possible overlapping or conflict of inter- and intra-organization interests. This problem is one which, apparently, members of ACE and other organizations are making a serious and dedicated effort to solve.

Among the early paeans of praise, the powerful *Hollywood Reporter* (Dec. 9, 1958) sounded a slightly discordant note. "If the 26-member committee of ACE really takes hold of things," the *Reporter* stated, "the industry as a whole will benefit. However, we suggest that each member of the committee confer at great length with the men and women actually running their theaters. . . ."

Divested of the superlatives, it would appear that the formation of ACE represents a sincere attempt by able, responsible men to make a rational approach to a grave problem. Its effectiveness depends on the ability of representatives of the diverse groups within the organization to achieve a unified point of view and also, in some degree, on making the "grass-roots" approach suggested by the *Hollywood Reporter*.

It could also be suggested that along with combatting "evils," such as toll TV, a positive and constructive course of action might be encouraged. The concept of the "positive approach" was suggested by the 1956 Progress Report which related "accelerated activity" in the motion-picture field to new developments, to inventions, new ideas and to better adaptation and application of long-accepted ideas and developments.

#### The MPICC Approach

The "positive approach" to problems affecting the entire industry may be exemplified by action taken by the Motion Picture Industry Council of Canada. The Resolution approved at the Fall meeting states in part:

"Whereas stereophonic high fidelity is an outstanding improvement over any monaural sound (and) is even more suitable to motion pictures than for home listening, although less obvious; whereas the motion-picture industry pioneered the public use of stereophonic sound and greatly furthered high fidelity, it, therefore, seems a great pity that, having done all this, we are now letting others capitalize on our own efforts. . . . therefore be it resolved that the Motion Picture Industry Council of Canada recommends and strongly urges all theaters that can possibly do so to install modern sound equipment. . . and further recommends and strongly urges all producers and distributors to make available pictures recorded in a modern manner — by modern, the Council means stereophonic magnetic recording and playback."

The MPICC approach represents what is perhaps the most positive of all positive thinking, the ability to recognize new trends and new areas of public interest and to take full advantage of them. Stereophonic sound was added to the ACE agenda for topics to be discussed with heads of production and distribution. The action was taken during the February meeting.

It may be of interest that an objection has been raised to the term "stereo sound." Max Cohen, Chairman of the ACE Committee on Industry Research, said that the committee hopes to substitute a new and more suitable word for the "grossly misused" and "obscure" term, "stereo sound." The new word would refer exclusively to stereophonic sound in the theater.

It is obvious that there will be no quick or easy solution to the problems of the industry, but the enthusiastic welcome greeting the advent given the efforts cited above indicates that the "dying" industry is at present a lively invalid, and that the future may hold some surprises.—R.H.

## Academy Awards

A 10-kw lamp and an anamorphic lens earned Class II Academy Awards this year in the Scientific and Technical category and Class III Awards were presented for the development of a high-speed intermittent movement for a 35mm motion-picture theater projection equipment and for a rapid fire semiautomatic compressed air gun, called a marble gun, which is used to simulate bullet effects on a water surface.

Plaques honoring Don W. Prideaux, Roy Leighton, and the Lamp Division of General Electric Co. were presented for the development and production of an improved 10-kw lamp for motion-picture set lighting. The Award-winning lamp is the subject of a *Journal* paper, "Design Improvements in High-Wattage Tungsten Filament Lamps for Motion-Picture and Television Studios" by Leroy G. Leighton and Alfred Makulec (*Journal* pp. 530-533, Aug. 1958). The citation states that the lamp "has doubled the life of its predecessor and maintains higher light output throughout its life. It is stronger mechanically, reducing losses in transport and handling."

Panavision Inc. received an Award for the design and development of the Auto Panatar anamorphic photographic lens. The citation states, "The novel design of these lens substantially reduces photo-

graphic lateral distortion and thereby improves close-up quality and overall definition." The Award was accepted by Robert E. Gottschalk on behalf of his firm.

A Certificate signifying Honorable Mention for a Class III Award was presented to Willy Borberg of General Precision Laboratory for the development of the high-speed projector intermittent movement which, because of a larger shutter opening permits a greater amount of light to pass through the film, thereby increasing screen brightness. "It allows better light distribution on the screen with lower flicker perception, and is a definite contribution to improved projection quality," the citation states.

The Award-winning device represents years of intensive study by Mr. Borberg. Earlier research has been reported in the *Journal*: "Modulated Air Blast for Reducing Film Buckle," pp. 94-100, Aug. 1952; also, "Effect of Gate and Shutter Characteristics on Screen Image Quality," pp. 623-626, Oct. 1957.

Fred Ponedel, George Brown and Conrad Boye of Warner Bros. were presented Class III Certificates for design of a rapid fire marble gun that simulates the effects of bullets striking water.

The Awards were presented during the Academy Award Presentation Ceremonies April 6.

*Correction:* The Advance Program for the 85th Convention published in the March *Journal* indicated on p. 170 that a Post-Convention Tour on Saturday, May 9, would include Cape Canaveral. This was in error in that the tour is limited to the Technical Laboratory at Patrick Air Force Base.

## Education, Industry News

A color film on the subject of infrared spectroscopy was exhibited at the annual Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy held during the first week in March. The film, sponsored by Perkin-Elmer Corp., Norwalk, Conn., and produced by Rensselaer Polytechnic Institute, Troy, N.Y., delineates the theory of infrared spectroscopy and shows how it is used in research.

The London *Financial Times* has announced the appointment of an Industrial Film Correspondent to conduct a regular column on industrial and documentary motion pictures. The announcement stated that this is the first such column to be published by any daily newspaper in Great Britain. The paper has also organized a study group for participation in the In-

# INSURE QUALITY

in your motion picture processing—

# USE HUNT Quality Controlled photo chemicals

All Hunt photo chemicals for both black and white and color processing conform to the following American Standard Specifications:

Acetic Acid, Glacial. . . . .	PH4.100-1958	Potassium Metabisulfite, Granular . . . . .	PH4.277-1957
Ammonium Thiosulphate, 60% Solution. . . . .	PH4.252-1953	Potassium Persulfate. . . . .	Z38.8.181-1949
Anhydrous Sodium Thiosulphate . . .	PH4.250-1953	Sodium Acetate, Anhydrous Granular . . . . .	PH4.176-1958
Benzotriazole, Photographic Grade . . . . .	PH4.204-1955	Sodium Bisulfite, Photo Powdered. . . . .	Z38.8.276-1949
Benzyl Alcohol . . . . .	PH4.181-1954	Sodium Bromide, U. S. P. Granular . . . . .	PH4.207-1954
Borax, Photo Granular. . . . .	PH4.230-1954	Sodium Carbonate, Mono- hydrate. . . . .	PH4.227-1954
Boric Acid, Photo Granular . . . . .	Z38.8.103-1949	Sodium Hydroxide, N. F. Pellets . . . . .	PH4.225-1956
Citric Acid, U. S. P. Granular. . . . .	Z38.8.102-1949	Sodium Metaborate, Octa- hydrate. . . . .	PH4.231-1954
Formaldehyde, N. F. Solution 37%. . . . .	Z38.8.152-1949	Sodium Sulfate, Anhydrous . . . . .	Z38.8.175-1949
Graphol (Metol) . . . . .	PH4.125-1956	Sodium Sulfite, Anhydrous Photo. . . . .	PH4.275-1952
Hydroquinone . . . . .	PH4.126-1955	Sodium Thiocyanate, N. F. Crystals. . . . .	PH4.177-1956
Potassium Alum, U. S. P. Granular . . . . .	Z38.8.150-1949	Sodium Thiosulphate, Rice Crystals. . . . .	PH4.251-1953
Potassium Bichromate, Photo Granular . . . . .	PH4.300-1958		
Potassium Bromide, U. S. P. Granular . . . . .	PH4.200-1955		
Potassium Ferricyanide, Fine Granular . . . . .	PH4.302-1958		

American Standard Specifications for Photo Grade Chemicals are available from the American Standards Association, Incorporated, 70 East 45th Street, New York City 17, N. Y.



**PHILIP A. HUNT COMPANY**  
PALISADES PARK, N. J.

Chicago • Cleveland • Cambridge • Brooklyn • Atlanta • Dallas • Los Angeles • San Francisco

dustrial Photographic and Television Exhibition held in London, April 20-24.

**Management Evaluation of Domestic Film Festivals and Awards** is a 6-page report by the Audio-Visual Committee of the Assn. of National Advertisers Inc., 155 E. 44 St. New York 17. Published as an aid to management in the evaluation of film festivals and awards in terms of the best interests of sponsor and producer, the committee recommends that special attention be given film categories with emphasis on proper grouping according to subject, objectives, and audience and production limitations; that a procedure be established to select judges with special knowledge and qualifications appropriate

to the category under consideration; that more detailed information be required of those submitting films to make possible a wider basis for preliminary evaluation; and that publicity be handled for maximum benefits for sponsors and producers.

**The Dew Line Story** is a film showing in vivid detail the tremendous story of the construction of Dew Line — the 3000-mile system of radar stations stretching from Northwest Alaska to Baffin Island in eastern Canada, built cooperatively by the United States and Canada. Produced by Audio Productions Inc., 630 Ninth Ave., New York 36, the motion-picture crew who filmed each step of the three-year operation worked side-by-side with the construc-

tion crews in sub-zero temperature with the added problem of protecting cameras and sensitive equipment.

Western Electric Co., the manufacturing unit of Bell Telephone System, under an Air Force contract was in charge of the supervision and construction. In the initial stages of the operation, equipments, including small tractors, were dropped by parachute. Strips were then constructed for aircraft, some planes making unprecedented ice landings to bring in heavy machines. An hour-long pictorial report, eventually televised over a 35-city network, was made for the Air Force. A 27½-min version is distributed by Bell Telephone System through its 21 local associated companies and by Western Electric.

**The British IRE Convention** will be held in the Univ. of Cambridge, July 1-5. Delegates will be housed in the colleges of the university. The 4th Clerk Maxwell Memorial Lecture will be delivered during the Convention by Vladimir K. Zworykin, the distinguished physicist who was awarded the Nobel prize for his work on transistors. Dr. Zworykin is a member of the Society. Among other distinguished participants will be S. K. Mitra, Emeritus Professor of Physics, Calcutta University. Dr. Mitra is internationally known as an authority on the ionosphere.

**The National Audio-Visual Convention and Exhibit** will be held July 26-29 at the Morrison Hotel in Chicago. Concurrent sessions will include: *Meetings:* National Audio-Visual Assn.; Educational Film Library Assn.; *Conferences:* Heads of Audio-Visual Departments in the medical field; Heads of Audio-Visual Departments in large industries; *Workshops:* Agriculture; Religious; Industrial Training Directors. Further information is available from Henry C. Ruark, Director of Information, National Audio-Visual Assn., Fairfax, Va.

**The Annual Convention of the Society of Photographic Instrumentation Engineers** will be held at the Ambassador Hotel, Los Angeles, Aug. 4-6. Twenty-three technical sessions are scheduled on the general theme of *Requirements of Space Age Technology*. Precision instruments used in the acquisition and analysis of photographic data will be displayed in an Exhibit of Equipment. Further information is available from A. J. Carr, Executive Secretary, Box 288, Redondo Beach, Calif.

**Undergraduate enrollment in engineering courses** is declining but graduate study continues on the upgrade, according to a report on a survey conducted by the American Society for Engineering Education, Univ. of Illinois, Urbana, in cooperation with the U.S. Office of Education. Results of the survey show that 153 accredited engineering colleges had 2.9% less students in the Fall of 1958 than in the Fall of 1957 with 11.6% fewer freshmen matriculating in engineering than in 1957. The report, which gives statistics by class level for each institution, was published in the February 15 Yearbook issue of the *Journal of Engineering Education*. It has also been published as Circular No. 555 of the U.S. Office of Education.



**OUR EXPERIENCE IS YOUR KEY TO SERVICE & DEPENDABILITY**



**CAMART TV CAMERA DOLLY Model 111-B**

- Boom arm smoothly raises and lowers boom so that you can film while the camera is being moved. Can be lowered to 2 ft. or raised to almost 8 ft. high.
- Four rubber tired 10" ball bearing wheels for smooth silent movement in alignment for use with dolly tracks. Locking device for straight run.
- Counter balanced spring action permits accurate balance for any motion picture camera with blimp or standard television camera.

Dolly Tracks **\$1975.00**  
Available



**CAMART EDITING TABLE**

Custom-built all welded steel construction, genuine formica top. Built in lite-well with ¼" frosted plexiglass cover, drawer, electric outlet box, bottom rack. Measures 24 X 30 X 60. **\$99.50**

Other Sizes to your specifications. Prices on Request.



**CAMART DUAL SOUND READER MOVISCOP Model SB-111**

Complete with optical sound reproduction head, (choice of magnetic sound) base plate, amplifier-speaker. For single or double system sound. Easy to handle, no twisting film. An unbeatable combination with the Zeiss Moviscop 16mm precision viewer, sharp brilliant 2¼ X 3¼ picture.

Dual Reader (without Viewer)	<b>\$195.00</b>
Zeiss Moviscop Viewer	<b>\$94.00</b>
Special Reader-Viewer Comb.	<b>\$269.50</b>

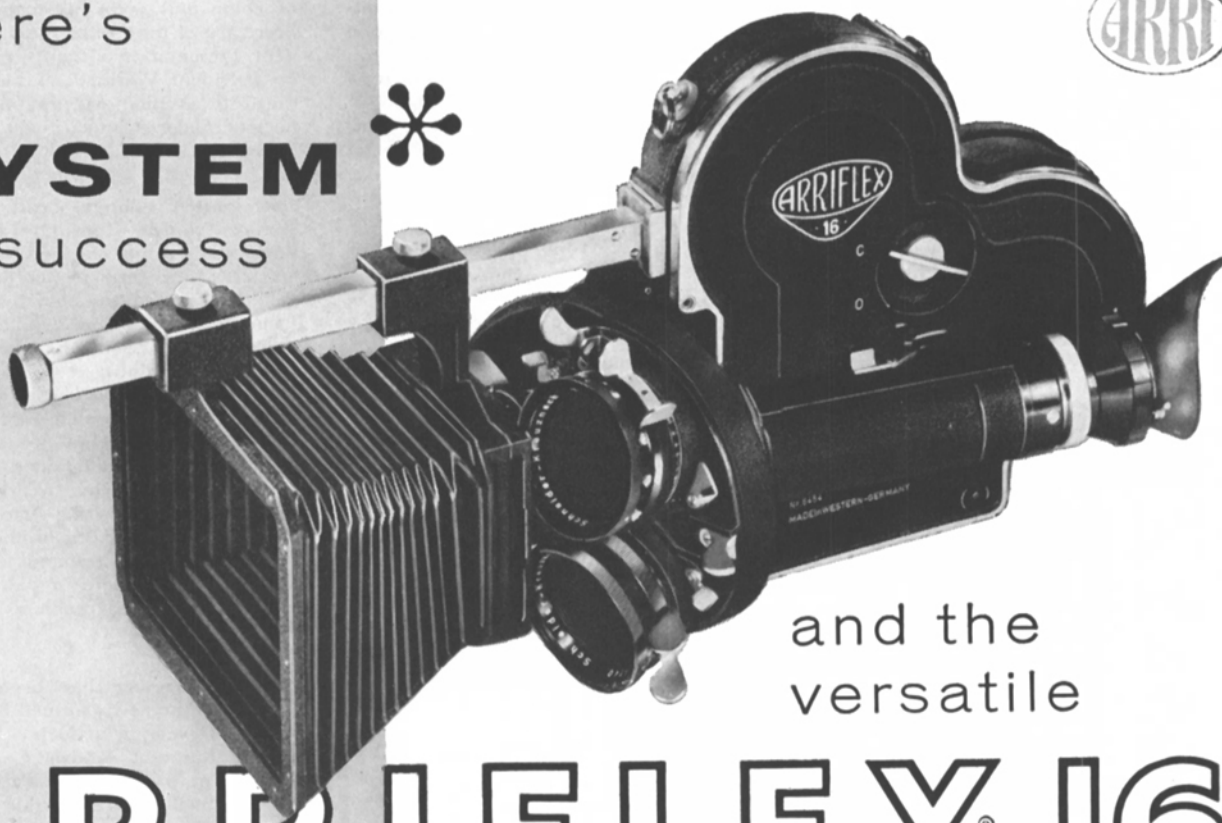
**the CAMERA MART inc.**

1845 BROADWAY (at 60th St.) NEW YORK 23 • PLaza 7-6977 • Cable: Cameromart



at Columbus Circle next to New York's new Coliseum

there's  
a  
**SYSTEM**  
to success



and the  
versatile

# ARRIFLEX® 16

THE CHOICE OF PROFESSIONALS ALL OVER THE WORLD

has got it!

The Arriflex 16 is a system camera because it has been designed from its inception to perform as a hand camera, studio and sound camera.

Skillful planning, meticulous craftsmanship and superb engineering skills have made this versatile motion-picture camera and its accessories the choice of professionals all over the world.

There's no secret about the Arriflex 16 "system" for success nor the names of the thousands who are making profitable use of it. Write for literature that details it all.

**ARRIFLEX®**

Division of  
**KLING**  
PHOTO CORPORATION  
New York 10, New York

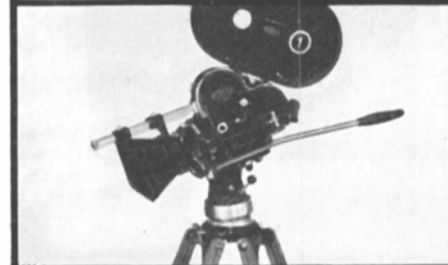
**\* IT'S A HAND CAMERA!**

Weighing only 6½ lbs., the compact Arriflex 16 is a pleasure to carry, set-up and operate. And no other hand camera has all its professional features!



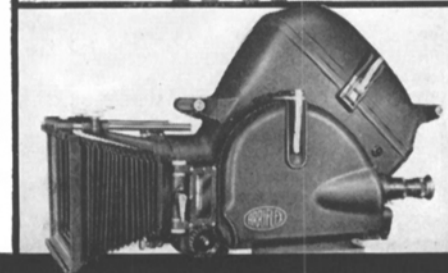
**\* IT'S A STUDIO CAMERA!**

The simple addition of component Arri accessories (400 ft. magazine, synchronous motor and tripod) quickly transforms the versatile Arriflex 16 into an ideal studio camera. Its easy set-up and take-down features makes it a perfect "one man" camera.



**\* IT'S A SOUND CAMERA!**

By placing the camera and magazine in the Arri 16 Blimp it is a full-fledged sound camera with all important camera features, like thru-the-lens-focusing, operated from the outside.



For Sale, Rent or Lease through your Franchised Arriflex Dealer

**Guide to the National Defense Education Act of 1958**, Circular No. 553 of the U.S. Department of Health, Education and Welfare, explains in nonlegalistic language the provisions of Public Law 85-864 and the steps taken to implement the Act. Title VII which provides for research and experimentation in more effective utilization of television, radio, motion pictures and related media for educational purposes has authorized \$3 million for the fiscal year 1958-59 with an initial appropriation of \$500,000 allotted by the Office of Education. The Act also authorizes \$5 million for each of the three succeeding years to support research in this area. A National Advisory Committee appointed by U.S. Commissioner of Education Lawrence G.

Derthick reviews applications for grants under the Act. Instructions for preparation of applications together with an explanation of the Committee's criteria for evaluating proposals (Budget Bureau No. 51-R281) has been prepared by the Office of Education and is available from the National Assn. of Educational Broadcasters. Circular No. 553 is available from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., at 30 cents.

**The Godlove Award of the Inter-Society Color Council** has been presented to Ralph M. Evans, Director, Color Technology Div., Eastman Kodak Co., for outstanding contributions to the knowledge

of color and color photography. He is Secretary of the Council and a Past-President. Presentation of the Award was made by President Walter C. Granville during the 28th Annual Meeting of the Inter-Society Color Council held April 1 in New York.

**Cleveland C. Soper**, head of Eastman Kodak Tropical Research Laboratory in Panama City has been given a two-year honorary appointment as Research Associate to the Smithsonian Institute in the Panama Canal Zone Biological Area. Previously, Mr. Soper had been given an honorary appointment as consultant to authorities on Barro Colorado, an island in Gatun Lake located midway in the Panama Canal, where Kodak's tropical research staff has maintained a station for several years. During World War II, Mr. Soper served in the Army Air Corps as photographic officer in the Southwest Pacific. He was responsible for units working on camera repair, corrosion control and other problems of tropical photography.

**W. Lyle Brewer** has been appointed Director of the newly formed Management Systems Development Dept., Kodak Park Works, Eastman Kodak Co. The new department, part of Kodak Park Comptroller Div., will be responsible for design, installation and coordination of business systems. Prior to his present appointment, Dr. Brewer served as general supervisor of technical services in the color print and processing organization at Kodak Park. A member of this Society, he is co-author (with Murray C. Goddard and Stanley A. Power) of a paper on "Evaluation and Control of Direct-Reading Color Densitometers" (*Jour.* pp. 561-565, Oct. 1955) and (with Ralph M. Evans) on "Observer Adaptation Requirements in Color Photography and Color Television" (*Jour.* pp. 5-9, July 1954).

**Edward G. Stamboulian** has been appointed Marketing Manager, Professional Products, Motion Picture Division for Ansco. He has been with the Ansco organization 32 years and for 12 years prior to his present appointment he has been Assistant Manager of Motion Picture Sales. In his new position he will be responsible for the planning and marketing of all motion picture products.

**Charles W. Seager** has been appointed Manager of Federal and Contract sales for Ansco. He has been with Ansco for 13 years, holding positions in Technical Service and Sales. For the past three years he has been Manager of Professional Motion Picture Sales. In his new position he will be responsible for the administration and supervision of Federal and contract sales activities.

**J. L. Quigley**, Assistant Superintendent, Apparatus and Optical Div., Eastman Kodak Co., Rochester, N.Y., has been appointed Chairman of the Committee on Photographic Apparatus, American Standards Assn. He has been with Eastman Kodak since 1938 and has been a representative to ASA since 1955.

# PRECISION SOUND READERS

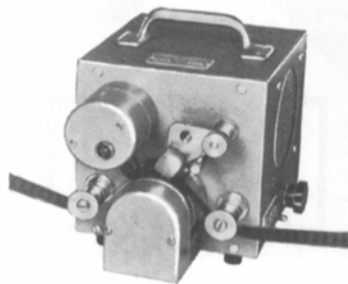
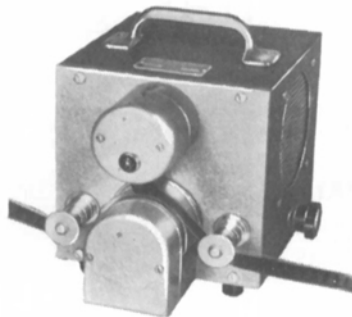
*your guarantee of the finest in sound editing equipment*

## OPTICAL-MAGNETIC

Model 800 RL, 16mm, 35mm and 1/4" tape.  
NET PRICE \$269.50

Features: Simple threading; SMPTE Standard machined film rollers with oilless bearings; precision-ground shafts; polished stabilizer drum with needle bearings (surface cannot damage film). Soundtrack is read by placing it towards the operator and reading from right to left. (May also be read from left to right.)

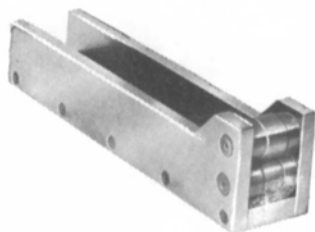
Complete  
Sound  
Reader  
Guide  
Free  
on  
Request



## OPTICAL

Model 600 RL, 16mm and 35mm.  
Net Price \$195.00

The ultimate in a precision optical track reader! Compact 6" x 6" x 8 1/2" in size; 117-v 60 cyc. AC amplifier, 4-watt output; heavy-duty Alnico V speaker; safety fused; prefocused socket; pilot light; 6-ft heavy duty cord.



## CUSTOM MADE FILM SLITTER

Built to SMPTE Standards or your own specifications. Features nickel chrome steel slitting blades, mounted in needle bearings. Base is constructed of ground steel with a black gun metal finish to protect from rusting.

WRITE FOR LITERATURE

All Prices F.O.B. Factory, Brooklyn, N. Y.

Designers and Manufacturers of Equipment for the Motion Picture and Television Industries

Come and see us at Booth 25 at the SMPTE Convention

Look for this trademark



**PRECISION LABORATORIES**

1037 UTICA AVENUE

BROOKLYN 3, N. Y.

**Division of Precision Cine Equipment Corporation**

# Did that car really drive itself?

Did you catch the commercial showing

a driverless car driving blithely down

the highway?



It looked

driverless

but—you

guessed it—it wasn't.

A director of a well known producing

company had this brainstorm. Terrific, but

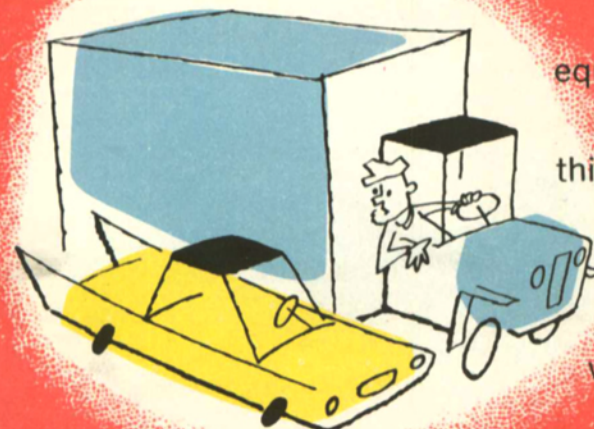
how do you do it? Our boys worked it out for

him. Actually, CECO\* experts and technicians

are called upon to solve many more complex

problems. Think of CECO as headquarters for

the world's finest professional photographic



equipment—but

think of us also

when you're

wrestling with

a tough idea. Maybe we can help. Try us.

\*CECO—Trademark of Camera Equipment CO

FRANK C. ZUCKER

**CAMERA EQUIPMENT CO., INC.**

Dept. 2 315 West 43rd St., New York 36, N. Y. JUdson 6-1420



## CECO Stop Motion Motor for Maurer Camera

110 volt synchronous motor. Can be operated single frame or continuous run on forward or reverse.

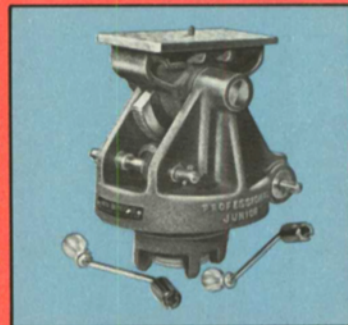
Exposure time:  $\frac{3}{8}$  second at  $170^\circ$  opening;

$\frac{5}{8}$  second at  $235^\circ$  opening. Attaches directly to Models 05 and 150. Stop motion motors available for most all other cameras.

## CECO Professional Junior Geared Head

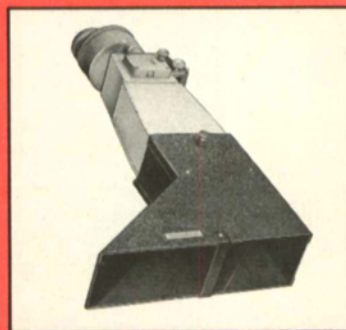
Used for controlled pan and tilt. Smooth action. Ideal for Panoram shots and tabletop photography.

Fits all Pro. Jr. tripod bases. Crank handles included.



## Mozell Dual Image Viewfinder Attachment

Attaches to Mitchell or CECO Erect Image Viewfinder. Allows dual viewing of image scene by the cameraman and a director or account executive.



## CECO Double Zipper Changing Bag

Lightproof; accommodates 1000' 35mm magazine or 1200' 16mm magazine. 34" x 48" black sateen outer bag. Rubber inner bag has roomy sleeves and light-tight wristlets.



# Additional Products

CECO offers the world's largest and most comprehensive line of professional cameras, accessories, lighting, editing, processing and animation equipment including: MAURER Products (Exclusive Distributor); Oxberry Animation Equipment; Cooke Speed Panchro Series II, Kinetal, Kinoptic, and Bausch & Lomb Baltar Lenses. Other products we carry are: Color Charts - Computers - Splicers - Exposure meters - Projectors - Screens - Marking pencils and pens - editors gloves - stop watches.

## Rentals

Cameras - 16mm and 35mm

Editing Equipment

Lighting Equipment

Generators - Truck mounted or Portable

Sound Equipment

Projection Equipment

Grip Equipment

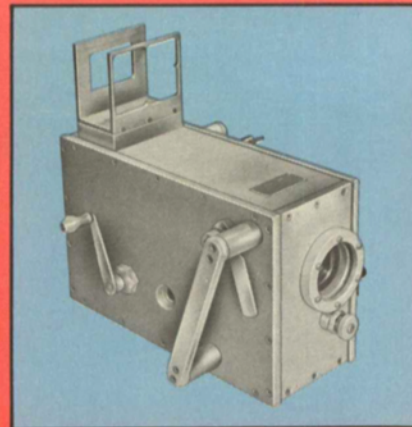
### CECO Triangles—Models B & C

Adjustable and collapsible. All aluminum construction. Brass studs for tripod points. Insures rigid positioning of tripod legs. Prevents slipping and damage to floors. (Model C illustrated). Model B without leg clamps.



### CECO Underwater Housing for Eastman Kodak K-100 16mm Camera

Withstands water pressures at 75 ft. (with accessory pressure valve, down to 175 ft.) All camera controls easily operated under water. Viewing ports show film exposed, iris setting, spring wind. Constructed of 1/4" anodized dural plates. Accommodates 10 mm F1.8 fixed focus Angenieux Lens.



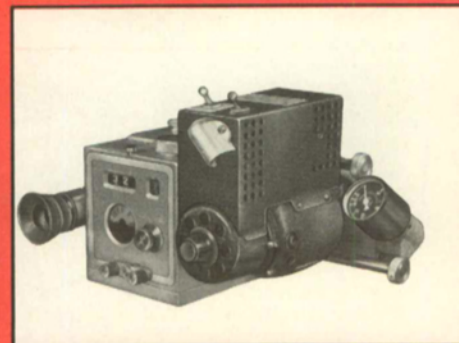
### CECO Blimp for 16mm Maurer Camera

First contour model blimp for 16mm Maurer. Compact; permits easy accessibility to camera. Utilizes outside finder with follow-focus cam system.



### ARRIFLEX 35, Model II B

Mirror reflex camera with direct, through-the-lens focusing and viewing, and three-lens turret. Features stronger hand grip motor to pull new 400' color magazine. Portable, rugged, dependable. The world's standard among cameramen.



### CECO Variable Speed Motor for Maurer Camera

110 volt AC-DC operation. Equipped with tachometer. Motor drives camera at variable speeds from 8 to 48 FPS. Attaches easily to camera by 2 screws. Available in 12 volt DC.

Ask about our Precision Repair and Design Engineering Service!

SALES  
SERVICE  
RENTALS

FRANK C. ZUCKER

 CAMERA EQUIPMENT CO., INC.

Dept. 2 315 West 43rd St., New York 36, N. Y. JUdson 6-1420

**Films for Education Inc.**, Audio Lane, New Haven 11, Conn., is a new organization for the production and distribution of audio-visual materials for schools and colleges. Officers are Mackey Barron and Donald C. Hawthorne. Edwin O. Dix, formerly on the staff of Jam Handy Organization Inc. of Detroit, is Director of Sales.



**Ronald S. Scott**

The retirement of Ronald S. Scott has been announced by Eastman Kodak Co., Rochester, N.Y. At the time of his retirement he held the post of Technical Assistant to the Manager of Color Print and Processing, Kodak Park Works, to which he had been appointed in 1953. His career with Eastman Kodak began in 1923 when he joined Kodak Research Laboratories as a chemical engineer in the Techno-Chemical Div. Later that year he transferred to the Photographic Dept., and in 1926 he transferred again to the then new Cine-Kodak Processing Dept. He was appointed Superintendent of the department in 1937, a post he held until his appointment to the post from which he retired. A member of the Society, Mr. Scott is also a member of the honorary chemical fraternity, Phi Lambda Upsilon, the American Chemical Society, and the Rochester units of the Photographic Society of America and the Optical Society of America.

**Maurice Parisier**, President of Maurice I. Parisier & Co., 741-745 Washington St., New York 14, has been awarded the Cross of the Chevalier de la Légion d'Honneur "in recognition of his services to the development of French technique in the United States." During his 30-year career in the field of electronics, M. Parisier has been a member of a number of important French technical missions and has acted as consultant to U.S. government agencies.

A graduate engineer of the Institut d'Electricité de Grenoble and of the Ecole Supérieure d'Electricité de Paris (1927), he was granted a French patent in 1932 for the invention of a gas discharge tube for the registration of variable currents on a photosensitive film. Since that time he has been granted a number of United States and other patents for electronic devices and developments, many in the field of telecommunications and telemeasurements. He came to the United States in 1943 as engineer and consultant to French missions in the United States. He has been a member of the Society since 1950.

# DEPENDABLE PROCESSOR AT A LOW PRICE!



Without a doubt the greatest processor value ever offered! Simplified design and volume assembly-line production make it possible to price the Labmaster far lower than any machine of comparable high quality. In comparing cost, remember the Labmaster price includes refrigeration system, air compressor, turbulation pumps and film magazines. It is complete, ready to operate.

- All tanks, stainless steel.
- Fully automatic, easy operation.
- Operates up to 40 f.p.m.
- Neg-Pos., Reversal & Microfilm models.
- Exclusive H-F clutch drive eliminates film breakage.
- Turbulation pumps on developer tank.
- Built-in air compressor.
- Modular construction. Reversal section easily added to neg.-pos. model at a later date.
- Built-in refrigeration maintains proper solution temperatures.
- Variable heat and filtered air in dry box.

(Neg.-Pos. Model) COMPLETE **\$4,175** Nothing else to buy



**HOUSTON FEARLESS CORPORATION**  
11827 W. Olympic Blvd., Los Angeles 64, Calif.

Please send catalogs and prices on:  
 B&W Labmaster       Color Labmaster  
 Camera heads     Tripods     Camera pedestals  
 Dollies               Remote control heads

Name .....

Firm .....

Address .....

City ..... Zone ..... State .....