

out the industry for the incisiveness with which he conducted the Herald's affairs. Throughout his editorial career, he never lost sight of the closely knit and uniquely standardized technical foundation on which the motion-picture industry securely rests, and he gave continuous support to the engineers and their work.

Terry Ramsaye is perhaps best remembered for his history of the beginnings of the motion-picture business *A Million and One Nights*. This two-volume book, which was compiled during the period from 1920 to 1925, contains a great wealth of anecdotal material about the early days and has become a standard work of reference. He was a Fellow of this Society. He last addressed the Society at the Convention at Lake Placid in 1950.

Arthur W. Carpenter, one of the earliest members of the Society, died July 17th at Fort Knox, Kentucky. He was 63 years old.

Dating from his early experience as a research photographer and radiographer at the Massachusetts Psychopathic Hospital, Arthur Carpenter was long active in the field of medical and scientific photography. For some years he had been associated with the Army Medical Research Laboratory at Fort Knox, where his latest position was as Roentgenological and Radiations Scientist.

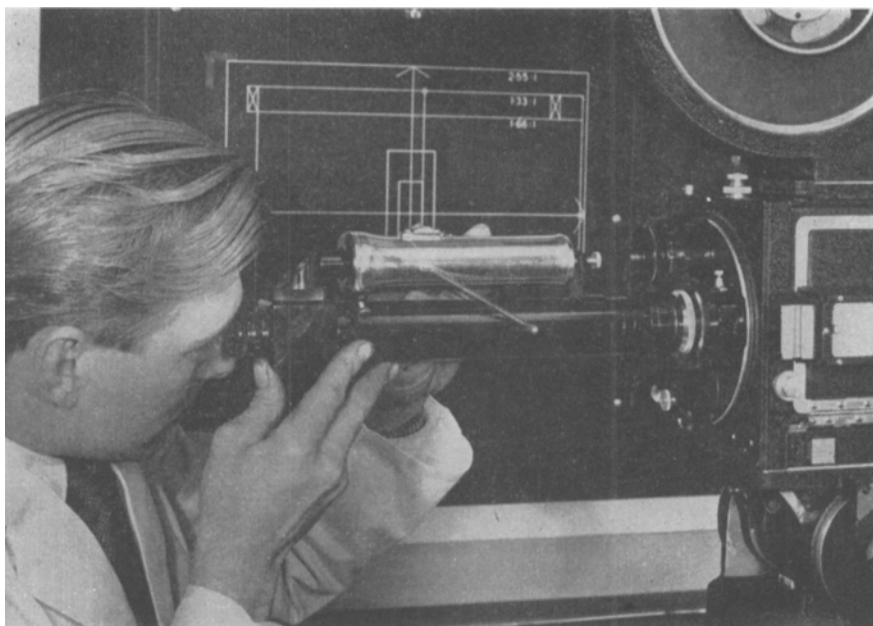
At the Fall 1953 Convention of the SMPTE, in Washington, D.C., Arthur Carpenter was one of the Society's pioneers honored at a special dinner, and the recipient of a certificate commemorating his long and distinguished membership in the Society.

New Products

Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

The Taylor-Hobson Camera Focus Autocollimator is a new studio instrument announced by Taylor, Taylor & Hobson Ltd., 37-41 Mortimer St., London W.1. Whenever rough handling or temperature changes may have shifted the lens with respect to the film to make the focusing scale inaccurate, the Autocollimator permits setting the camera lens in a focus at infinity. The instrument provides an infinitely distant image of an illuminated graticule which can be picked up by the camera and focused on the film plane, thus establishing a true infinity focus. Any error then in the focusing can be eliminated by correcting the fiduciary mark. The instrument consists of two systems built in one body, the projector system, or collimator, and the viewing system or telescope.

With standard $\frac{1}{4}$ -in. ($\times 20$) eyepiece, and setting on film emulsion, the Camera Focus Autocollimator is suitable for checking camera lenses between 1-in. and 8-in. focal length. For camera lenses below 1-in., which give rise to high magnification



of the film emulsion, a lower power eyepiece will be available. Detailed informa-

tion about accuracy and application is available from the manufacturers.



In Du Mont's new Tele-centre at 205 E. 67 St., New York, all five studios have isolated unit control rooms, such as shown here. The production unit, on the lower level, is separated by glass partitions from the video unit (rear, lower level) and the audio and lighting unit (upper level).

All five control rooms are located in a vertical bank with cables tying in a straight line to the master control, providing the shortest possible run, to enhance the quality of picture and sound. Film projection facilities on the second floor include the Du Mont Multiscanner, which is adapt-

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SINCE  1853

able to color, and they can be remotely controlled from each studio and from master control. On the same floor are kinerecording facilities including four units using a double-system technique for recording "live" shows for later distribution.

The Tele-centre's five major studios include one which is the largest in the East, 110 by 80 ft. in area and 40 ft. high. The

\$5,000,000 Tele-centre has been built within the seven-floor building built by Jacob Ruppert in the 1890's to be the Central Opera House which had besides the opera house, several small theaters (later used for motion pictures), restaurants, bars, bowling alleys, a swimming pool and several living apartments — a total of 2,500,000 cu.ft.



Control facilities, shown at the right in the above photograph, have been added to the Model 168 Beckman and Whitley Streak Camera which was described in detail under New Products, in the March 1953 *Journal*, p. 318. The control facilities are reported to make the unit a complete

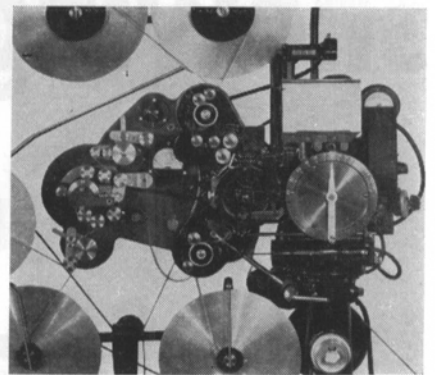
system for the synchronized recording of position-versus-time data. In use, the instrument makes a plot on a 4 × 10 in. film, where the vertical axis represents space and the horizontal axis represents time.

There are in the console facilities for the remote

operation and monitoring of the event under study. Safety lights on the panel board indicate readiness for firing. When the firing button is pressed (a) the mirror starts; (b) the shutter opens; (c) Sync-Tac synchronizing tachometer fires the event at the selected speed and proper angulation of the mirror to begin the trace at the chosen position on the film; (d) the shutter closes; and (e) the mirror shuts off.

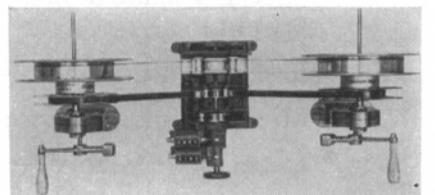
Synchronization is accomplished by a pulse-delay network which provides a voltage pulse for firing the event within a maximum of 0.6- μ sec variation of the time required to position the image at the selected point on the film, with a $\pm 0.2\%$ speed synchronization accuracy. Adjustments at the camera provide for the known time delay between the firing pulse and the beginning of the event.

Further detailed information about the control features may be obtained from Beckman & Whitley, Inc., 945 E. San Carlos Ave., San Carlos, Calif.



A sound unit attachment for Models D and J Bell & Howell Contact Printers is manufactured by the Motion Picture Printing Equipment Co., Skokie, Ill. All holes in the sound unit are the same dimensions as in the original cover, so when the original printer gear-housing cover is removed, no drilling or fitting is necessary. The unit is driven by the printer. The lower printer feed-out sprocket is fitted with an additional gear mounted on a pivot arm, which intermeshes with the gear on the printer feed sprocket. The soundtrack is printed on a stainless steel drum which is ground and polished and mounted in Barden precision ball bearings.

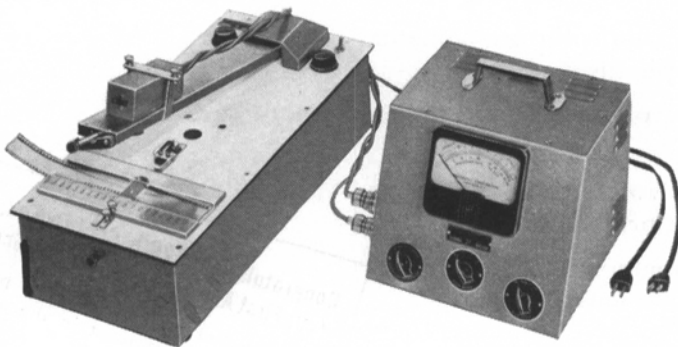
The printing lamp in the printing drum is a 25-w, 115-v miniature bulb. Two aperture openings, one 1/16-in. and one 3/32-in., are provided. A d-c ammeter and an Ohmite rheostat control the lamp circuit. The sound unit film take-up has a torque take-up motor with an Ohmite rheostat wired into the circuit for tension adjustment.



The S.O.S. Differential Rewind Gimmick is being marketed by the S.O.S. Cinema Supply Corp., 602 W. 52 St., New York 19. The "Gimmick" is designed to rewind 16mm and 35mm reels simultaneously with uniform "take-up." The "Gimmick" is

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placed on a keywayed rewind spindle and regardless of the sizes of rolls or widths of films will not require the operator to throw slack. The film synchronizer can go backward or forward at will and the reels will be properly balanced.

Employment Service

These notices are published for the service of the membership and the field. They are inserted for three months, at no charge to the member. The Society's address cannot be used for replies.

Positions Wanted

Motion Picture Production. Desire position as assistant to producer. Background includes camera experience, some directing in 35mm productions. Age 24. Write: Harry Wuest, 137 Summit Ave., Upper Montclair, N.J.

Electronic Engineer. 20 yrs experience in all phases of audio; responsible for prominent part in development of the Perspecta stereophonic system; comprehensive experience in technical education, classroom, laboratory and the preparation of textbooks and technical literature; advanced training in economics and industrial administration; many responsible posts held. British born, came to U.S. July 1953. Active member I.E.E., I.R.E., A.E.S., SMPTE. Seeks progressive position in West. Write: Norman H. Crowhurst, 150-46 18th Ave., Whitestone 57, N.Y.

Positions Available

Motion-Picture Laboratory Technician (Sensitometry), GS-8, \$4620 per year. Applicants

must have at least 4½ years experience in all phases of motion-picture film processing in black-and-white and color. Position requires ability to handle quality control in processing and to make recommendations for and assist in improving the product. Further information from MCGCER, Headquarters, Air Materiel Command, Wright-Patterson Air Force Base, Ohio.

Photographic Sales Technician. Require competent technician with at least two years' college chemistry and phototechnical school training or equivalent. Must have thorough knowledge of black-and-white, color, studio, and photofinishing techniques. Must show definite interest in sales and willingness to travel. Send brief resume, including approximate salary requirements, to Gerald G. Wood, Ansco, 29 Charles St., Binghamton, N.Y.

Laboratory Technician with years of experience and thorough knowledge of all phases of motion picture laboratory work—as assistant to plant superintendent. **Sensitometric Control Man** with thorough background and experience—full responsibility. **Sound Engineer** to maintain and operate magnetic and optical re-recording equipment. Applicants should contact: Herbert R. Pilzer, Circle Film Laboratories, Inc. 33 West 60th St., New York 23. Tel. Co 5-2180

35mm Motion Picture Service Men. Openings in this country and Europe; experience not required if engineering graduate or if experienced in similar field. Apply to Army & Air Force Motion Picture Service, Engineering Depot, Building 207-C, 4300 Goodfellow Blvd., St. Louis 20, Mo.



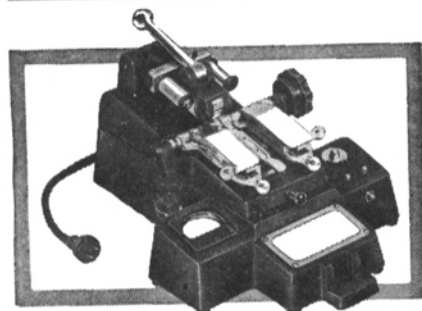
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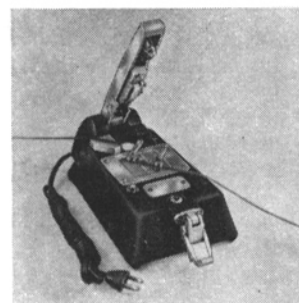
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