

designated Directors-at-Large. They are: Arthur Schawlow, Theodore Maiman, Samuel Fine, M.D., and William Schwartz.

**A laser tracking and ranging system** for use in manned explorations of the moon will be developed by RCA's Astro-Electronics Div., Princeton, N.J., for NASA's Manned Spacecraft Center. An engineering model will be built to test the feasibility of using a laser beam tracking system on the moon to pinpoint the position of an exploring astronaut or vehicle equipped with a special reflector to redirect the light beam back to its source. The model will have an initial range of 700 m with provision to extend it to 8,000 m with modifications. It will be tested in a desert environment simulating the lunar terrain, but the performance would be better on the moon because of the lack of atmosphere that would interfere with the laser light beam. The engineering model will utilize a gallium arsenide laser injection transmitter. It is planned to locate a point to within less than 1 m at ranges adequate to reach the lunar horizon. The system, as planned, could be attached to a landing vehicle or roving vehicle to fill functions similar to those of instruments used by land surveyors on earth. An astronaut, leaving the vehicle, could carry a staff having a special reflector. The laser system would lock onto the exploring astronaut and follow his movements.

**The U.S. Industrial Film Festival**, 333 N. Michigan Ave., Chicago 60601, has appointed a Board of Advisors, it was announced by the Festival Chairman, J. W. Anderson. Members of the board include O. H. Coelln who is Editor and Publisher of *Business Screen*, Peter D. Crane of Johnson Wax and Marv Gold of Gerson, Howe and Johnson. The festival will recognize 16mm industrial motion pictures and 35mm film strips at an awards banquet April 25 at the Pick Congress Hotel in Chicago.

## Obituary



### Robert C. Rheineck

Robert C. Rheineck died December 19, 1967, at the age of 47. He was a native of Rochester, N.Y. He was graduated from Wittenberg College, Springfield, Ohio, in 1941. Immediately following graduation, in June 1941, he joined the Photo Products

**Magnasync/Moviola** has opened a new sales, service and rental facility at 1429 Ivar Ave., Hollywood, Calif. 90028. Technical equipment produced by the firm includes film editors, recorders, synchronizers and rewinders as well as multichannel recording systems for space, defense, municipal and commercial applications.

**Consolidated Film Industries**, 959 Seward St., Hollywood, Calif. 90038, has expanded its facilities to include four more 16mm color picture and track printing machines, it was announced by Sidney P. Solow, CFI President and General Manager. The multi-format machines handle eight different formats of color release film, one directly following another, with no machine adjustment time loss in between. The firm also has in service a 35mm to 16mm reduction printer which operates at 200 ft/min.

**Holland-Wegman Laboratories, Inc.**, 207 Delaware Ave., Buffalo, N.Y. 14202, has acquired Labcraft International Corp., Cleveland, Ohio, and will operate it as Holland-Wegman Laboratories, a wholly owned subsidiary. Robert F. Blair has retired as President of Labcraft but will remain with the Cleveland firm as a consultant.

**Polarizing materials** to be used in making glasses to be worn when viewing 3-D motion pictures have been ordered by Artistas Argentinos Asociados, S.A.C., from Marks Polarized Corp., Whitestone, N.Y. The glasses will be used by audiences viewing 3-D motion pictures to be shown in theaters in Buenos Aires and other cities in the Argentine Republic. The 3-D motion pictures were produced by a system in which the entire image is on one 70mm film and only one projector, with special optics, is required for projection. Earlier 3-D motion pictures used two films and two projectors.

Department of E. I. du Pont de Nemours & Co. as supervisor. Subsequent affiliations included Columbia Broadcasting System where he was Manager of Technical Operations and Chief Engineer for CBS News Film Production. While he was at CBS he was active in the coverage of a number of top news stories, including the coronation of Queen Elizabeth II and several political conventions. He remained with CBS for 14 years and then joined Color Service Co., in New York, as Chief Engineer. While with Color Service he engineered and supervised the construction of a new color motion-picture film processing laboratory. In June 1967 he joined Holland-Wegman Laboratories, Buffalo, N.Y., as Director of Operations, a post he held until his death.

He became a member of the Society in 1945 and throughout the years he was active in Society affairs. In 1959, he was Arrangements Chairman for the Society's 86th Technical Conference in New York. In 1960 he was made a Fellow of the Society. He was elected Governor of the Society in 1959 and in 1961 he was appointed Chairman of the Papers Committee, a post he held for two years.

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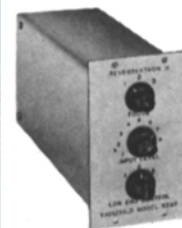
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