

Journal of the Society of Motion Picture and Television Engineers

VOLUME 55

NOVEMBER 1950

NUMBER 5

Synthetic Color-Forming Binders for Photographic Emulsions	
A. B. JENNINGS, W. A. STANTON and J. P. WEISS	455
An Improved Video System for Television Studios	NEWLAND F. SMITH 477
Infrared Photography with Electric-Flash	FREDERICK E. BARSTOW 485
Magnetic Sound Film Developments in Great Britain	O. K. KOLB 496
Improvements in Large-Screen Television Projection	T. M. C. LANCE 509
Trends of 16-Mm Projector Equipment in the Army	JAMES A. MOSES 525
Foreign Versions	VICTOR VOLMAR 536
A Progress Report of Engineering Committee Work	F. T. BOWDITCH 547
Biological Photographic Association	549
Current Literature	550
New Members	551
BOOK REVIEWS:	
<i>Photographic Optics</i> , by Allen R. Greenleaf	
Reviewed by Oscar W. Richards	552
<i>A Grammar of the Film</i> , by Raymond Spottiswoode	
Reviewed by Russell C. Holslag	553
New Products	554

ARTHUR C. DOWNES
Chairman
Board of Editors

VICTOR H. ALLEN
Editor

NORWOOD L. SIMMONS
Chairman
Papers Committee

Subscription to nonmembers, \$12.50 per annum; to members, \$6.25 per annum, included in their annual membership dues; single copies, \$1.50. Order from the Society's General Office. A discount of ten per cent is allowed to accredited agencies on orders for subscriptions and single copies. Published monthly at Easton, Pa., by the Society of Motion Picture and Television Engineers, Inc. Publication Office, 20th & Northampton Sts., Easton, Pa. General and Editorial Office, 342 Madison Ave., New York 17, N.Y. Entered as second-class matter January 15, 1930, at the Post Office at Easton, Pa., under the Act of March 3, 1879.

Copyright, 1950, by the Society of Motion Picture and Television Engineers, Inc. Permission to republish material from the JOURNAL must be obtained in writing from the General Office of the Society. Copyright under International Copyright Convention and Pan-American Convention. The Society is not responsible for statements of authors or contributors.