

JOURNAL

OF THE SOCIETY OF

MOTION PICTURE ENGINEERS

Volume XXXII

May, 1939

CONTENTS

	<i>Page</i>
A Consideration of the Screen Brightness Problem	485
O. REEB	
A New 16-Mm. Film Developing Machine	495
J. M. BLANEY	
Some General Characteristics of Chromium-Nickel-Iron Alloys as Corrosion-Resisting Materials	505
F. L. LAQUE	
Absorption Limits for Interference Nodes in Rooms	518
M. RETTINGER	
New Uses of Sound Motion Pictures in Medical Instruction . . .	527
HENRY ROGER	
New Motion Picture Apparatus	
The Panoramic Screen Projection Equipment Used at the Palace of Light at the International Exposition (Paris, 1937)	530
A. GILLETT, H. CHRETIEN, AND J. TEDESCO	
A 16-Mm. Studio Recorder	534
R. W. BENFER	
A New Single-System Recording Attachment for Standard Cameras	540
A. REEVES	
New Sound Recording Equipment	544
D. R. CANADY AND V. A. WELLMAN	
A New Camera Timer for Time-Lapse Cinematography	549
HENRY ROGER	
New Piezoelectric Devices of Interest to the Motion Picture Industry	552
A. L. WILLIAMS	
The Copper-Sulfide Rectifier as a Source of Power for the Projection Arc	558
C. A. KOTTERMAN	
Automatic Emergency Shutter Switch for Theater Fan and Light Control	568
E. R. MORIN	
A New Densitometer	572
H. NEUMANN	
Super 16-Mm. Sound and Picture Printer	575
O. B. DEPUE	
A Film-Cement Pen	578
R. J. FISHER	
Current Literature	580
Hollywood Convention: Abstracts of Papers	582
Society Announcements	585