

TRANSACTIONS

OF THE

SOCIETY OF MOTION PICTURE ENGINEERS

CONTENTS

A Reproducing Machine for Picture and Sound. By H. Pfannenstiel	253
Scoring, Synchronizing and Re-Recording of Sound Pictures. By K. F. Morgan	268
Public Announcements and Reinforcement Systems for Theatres. By J. B. Irwin	286
Servicing Sound Picture Equipment in Theatres. By Coke Flanagan	293
Typical Problems in Process Photography. By Carrol Dunning	298
The Universal Camera Crane. By Frank Graves	303
Television Demonstration. By Herbert E. Ives	308
Seeing Sound and Hearing Pictures. By John Klenke	309
The Mitchell Recording Camera Equipped Interchangeably for Variable Area and Variable Density Sound Recording. By C. R. Hanna	312
The Pyrene Combination Automatic Projector Fire Extinguisher and Electric Cut-off. By R. B. Dickson	318
Results of the Experiment with Eastman Classroom Films. By T. E. Finegan	324
The Studio Electrical Department and its Relation to Picture Production. By M. W. Palmer	341
Bulb Cleanser for Incandescent Lamps for Studio Lighting. By D. K. Wright and C. E. Egeler	346
Motion Picture Activities of the Army. By Major W. E. Prosser	355
Some Properties of Fixing Baths. By J. I. Crabtree and H. A. Hart	364
Some Properties of a Fine Grained Developer. By J. I. Crabtree and H. C. Carlton	406
Borax Developer Characteristics. By H. Moyses and D. R. White	445
Dry Cell Batteries for Recording and Projecting. By W. B. Schulte	453
A Standard Micro-Cinematographic Apparatus. By Heinz Rosenberger	461
Permeable Projection Screens for Sound Pictures. By A. L. Raven	465
The Academy of Motion Picture Arts and Sciences. By Frank Woods	470
Photographic Astronomy. By Leslie E. Cuffe	474
Photographing with Multiple Cameras. By Karl Struss	477
Advertisements	

Volume XIII, Number 38

MEETING OF MAY 6-9, 1929
NEW YORK, N. Y.