

TRANSACTIONS

OF THE

SOCIETY OF MOTION PICTURE ENGINEERS

TABLE OF CONTENTS

| | Page |
|---|------|
| Result of Annual Election..... | 3 |
| Extracts from By-Laws..... | 4 |
| List of Active Members..... | 6 |
| List of Associate Members..... | 9 |
| List of Various Committees..... | 10 |
| President's Address | 12 |
| Minutes of Fifth Annual Meeting..... | 14 |
| Report of Advertising Committee..... | 25 |
| Report of Committee on Progress..... | 27 |
| Report of Papers Committee..... | 29 |
| Report of Committee on Correspondence Course..... | 32 |
| Report of Board of Governors Meeting, Oct. 10, 1920 | 34 |
| History of the Motion Picture..... | 36 |
| Report of the Optics Committee..... | 50 |
| Reducing the Fire Hazard in Film Exchanges..... | 54 |
| Reflection Characteristics of Projection Screens..... | 59 |
| Absorption and Reflection Losses in Motion Picture Objectives | 74 |
| The High Power Arc in Motion Pictures..... | 79 |
| Design of Power Plant and Electrical Distribution in Large Studios | 93 |
| Portable Power Plants for Motion Picture Studios.. | 122 |

Number Eleven

MEETING OF OCTOBER 11, 12, 13, 14, 1920
DAYTON, OHIO