

AUTHOR INDEX, VOLUME XXVII

JULY TO DECEMBER, 1936

| <i>Author</i> | | <i>Issue Page</i> |
|---|---|-------------------|
| ANDERSON, H. | Fire Prevention in the Motion Picture Industry | Dec. 662 |
| ARDENNE, M. VON | New High-Vacuum Cathode Ray Tubes for Recording Sound | Aug. 195 |
| AYLESWORTH, M. H. | Relation of Radio Broadcasting to Motion Pictures and the Theater | Dec. 632 |
| BARRABEE, T. R. | Foto Fade, a Chemical and Dye Mixture for Positive Fades | July 112 |
| BARTH, W. | A Film Emulsion for Making Direct Duplicates in a Single Step | Oct. 419 |
| COLLINS, M. E. | Optical Reduction Sound Printer | July 105 |
| CONANT, F. H. | An Experimental Program in Visual Education | Aug. 201 |
| CUNNINGHAM, T. D. | Primary Considerations in the Design and Production of Theater Amplifiers | Aug. 179 |
| DAVIS, W. | Activities of Science Service in Scientific Documentation | July 77 |
| DAY, H. I. | Use of Motion Pictures in an Accurate System for Timing and Judging Horse-Races | Nov. 513 |
| DIMMICK, G. L. | Improved Resolution in Sound Recording and Printing by the Use of Ultraviolet Light | Aug. 168 |
| DRAEGER, R. H. | Some Technical Aspects of Microphotography | July 84 |
| FARNHAM, R. E. (and WORSTELL, R. E.) | Color Quality of Light of Incandescent Lamps | Sept. 260 |
| FRANK, J., JR. | RCA Photophone High-Fidelity Sound Reproducing Equipment | July 99 |
| FREIMANN, F. | Developments in Sound Slide-Film Equipment | Oct. 455 |
| GOLDSMITH, A. N. | Citation of the Work of Edward Washburn Kellogg | Dec. 620 |
| GREEN, C. H. (and TUTTLE, F. E.) | Photographic Race-Timing Equipment | Nov. 529 |
| GRIFFIN, H. | New Background Projector for Process Cinematography | July 96 |
| HALL, H. H. | Analysis of Sound Waves | Oct. 396 |
| HAMANN, C. E. | Application of the Copper-Oxide Rectifier to Motion Picture Projection | Sept. 341 721 |

| <i>Author</i> | | <i>Issue Page</i> |
|---|---|-------------------|
| HANNA, C. R. (and OPLINGER, K. A. and OSBON, W. O. and SENTIPAL, S.) | A New 16-Mm. Sound-Film Projector | Nov. 590 |
| HANSON, C. H. | The Department of Agriculture's Experience in the Preparation and Use of Slide-Films | Oct. 460 |
| HANSON, H. | Science and the Musician | Dec. 648 |
| HERD, W. L. (and MITCHELL, R. F.) | 1000-Watt 16-Mm. Filmosound Projector | Oct. 440 |
| HILL, J. R. (and WEBER, C. G.) | Stability of Motion Picture Films as Determined by Accelerated Aging | Dec. 677 |
| | Care of Slide-Films and Motion Picture Films in Libraries | Dec. 691 |
| HILLIARD, J. K. (and H. R. KIMBALL) | A Study of Theater Loud Speakers and the Resultant Development of the Shearer Two-Way Horn System | July 45 |
| | Dividing Networks for Loud Speaker Systems | July 61 |
| JAMIESON, M. F. (and SHEA, T. E., and PIERCE, P. H.) | The Photoelectric Cell and Its Method of Operation | Oct. 365 |
| JANKER, R. | The Technical Basis of X-Ray Motion Picture Photography | Oct. 409 |
| JONES, L. A. | Citation of the Work of Charles Edward Kenneth Mees | Dec. 625 |
| JOY, D. B. | A 13.6-Mm. Super-High-Intensity Carbon for Projection | Sept. 243 |
| KALB, W. C. | Present Trends in the Application of the Carbon Arc to the Motion Picture Industry | Sept. 253 |
| KIMBALL, H. R. (and HILLIARD, J. K.) | Dividing Networks for Loud Speaker Systems | July 61 |
| KOON, C. M. | Is the Federal Government Interested in Educational Films? | Aug. 204 |
| KREUZER, B. | Recent Improvements in the Variable-Width Recording System | Nov. 562 |
| KRUSE, W. F. | The Business Screen—Some Demands Made by and upon It | Oct. 431 |
| LOOMIS, F. J. (and REYNOLDS, E. W.) | A New Rotary Stabilizer Sound Head | Nov. 575 |
| LOYE, D. P. | Acoustic Considerations in the Construction and Use of Sound Stages | Sept. 267 |
| LUMIÈRE, L. | Stereoscopy on the Screen | Sept. 315 |
| | The Lumière Cinematograph | Dec. 640 |
| MACHARG, J. B. | Visual Education and Slide-Films | Dec. 703 |
| MANHEIMER, J. R. | Thyratron Reactor Theater Lighting Control | July 107 |

| <i>Author</i> | | <i>Issue Page</i> |
|---|--|-------------------|
| MATSON, A. F. (and NUCKOLLS, A. H.) | Some Hazardous Properties of Motion Picture Film | Dec. 657 |
| MILLER, B. F. | Harmonic Distortion in Variable-Density Records | Sept. 302 |
| MORTON, G. A. | The Electron-Image Tube, a Means for Making Infrared Images Visible | Sept. 321 |
| MITCHELL, R. F. (and HERD, W. L.) | 1000-Watt 16-Mm. Filmosound Projector | Oct. 440 |
| NEWMAN, A. S. | The Pull-Down Movement | Nov. 553 |
| NEWSOME, P. T. (and SHEPPARD, S. E., and SWEET, S. S.) | Physical Tests on Cellulosic Films, and Their Reproducibility | Aug. 218 |
| NUCKOLLS, A. H. (and MATSON, A. F.) | Some Hazardous Properties of Motion Picture Film | Dec. 657 |
| OLSON, H. F. | A Unidirectional Microphone | Sept. 284 |
| | A New Monitoring Telephone Receiver | Nov. 537 |
| OPLINGER, K. A. (and HANNA, C. R., and OSBON, W. O., and SENTIPAL, S.) | A New 16-Mm. Sound-Film Projector | Nov. 590 |
| OSBON, W. O. (and HANNA, C. R., and OPLINGER, K. A., and SENTIPAL, S.) | A New 16-Mm. Sound-Film Projector | Nov. 590 |
| PATTERSON, J. C. | Use of Silica Gel in Air-Conditioning | Nov. 545 |
| PAUL, R. W. | Kinematographic Experiences | Nov. 495 |
| PIERCE, P. H. (and JAMIESON, M. F., and SHEA, T. E.) | The Photoelectric Cell and Its Method of Operation | Oct. 365 |
| POTWIN, C. C. (and WOLF, S. K.) | Recent Advances in the Acoustical Design of Motion Picture Theaters | Oct. 386 |
| PULLER, G. | A Sound-Picture Reproducing System for Small Theaters | Nov. 582 |
| REYNOLDS, E. W. (and LOOMIS, F. J.) | A New Rotary Stabilizer Sound Head | Nov. 575 |
| RICHARDSON, F. H. | Action Is Needed | Nov. 558 |
| SHELLENBERG, T. R. | Microfilm Copying of Documents | July 90 |
| SCHUBERT, A. E. (and WELLMAN, H. C.) | Kodascope Model E | Oct. 447 |
| SENTIPAI, S. (and HANNA, C. R., and OPLINGER, K. A., and OSBON, W. O.) | A New 16-Mm. Sound-Film Projector | Nov. 590 |
| SHEA, T. E. (and JAMIESON, M. F., and PIERCE, P. H.) | The Photoelectric Cell and Its Method of Operation | Oct. 365 |
| SHEPPARD, S. E. (and NEWSOME, P. T., and SWEET, S. S.) | Physical Tests on Cellulosic Films, and Their Reproducibility | Aug. 218 |

| <i>Author</i> | | <i>Issue Page</i> |
|--|---|----------------------|
| SMITH, I. R. | Copper-Oxide Rectifiers for Motion Picture Arc Supply | Sept. 331 |
| SWEET, S. S. (and NEWSOME, P. T., and SHEPPARD, S. E.) | Physical Tests on Cellulosic Films, and Their Reproducibility | Aug. 218 |
| TUTTLE, F. E. (and GREEN, C. H.) | Photographic Race-Timing Equipment | Nov. 529 |
| WEBER, C. G. (and HILL, J. R.) | Stability of Motion Picture Films as Determined by Accelerated Aging Care of Slide-Films and Motion Picture Films in Libraries | Dec. 677 Dec. 691 |
| WELLMAN, H. C. (and SCHUBERT, A. E.) | Kodascope Model E | Oct. 447 |
| WENTE, E. C. | Contributions of Telephone Research to Sound Pictures | Aug. 188 |
| WINTON, R. W. | A Non-Theatrical, International Service Organization—The Amateur Cinema League | Aug. 210 |
| WITHAM, M. | Improvements in Slide-Film Projectors | Oct. 451 |
| WITTEL, O. | The Magazine Cine-Kodak | Nov. 595 |
| WOLF, S. K. (and POTWIN, C. C.) | Recent Advances in the Acoustical De- sign of Motion Picture Theaters | Oct. 386 |
| WORSTELL, R. E. (and FARNHAM, R. E.) | Color Quality of Light of Incandescent Lamps | Sept. 260 |