

3. Splices for 1 6-Mm Motion Picture Films for Projection, PH22.24.
4. Splices for 8-Mm Motion Picture Film, PH22.77.

*Recently Approved*

*Preliminary Publication*—Proposed Standard for Cutting & Perforating Dimensions for 35-Mm Film (to be published in a forthcoming issue).

*Submission to ASA*—Edge Numbering of 16-Mm Motion Picture Film, PH22.83, and 16-Mm Motion Picture Projection Reels, PH22.11.

**Television Studio Lighting** The Television Studio Lighting Committee met on June 20th in New York City. Unfortunately, the attendance was so small that it was impossible to make decisions representative of the thinking of a cross section of the television industry. The Chairman, Mr. Richard Blount, noted that while it might be difficult for those members outside of New York to attend meetings, he would welcome their written comments which would be of considerable value in directing the thoughts of the Committee.

## New Members

The following members have been added to the Society's rolls since those last published. The designations of grades are the same as those used in the 1950 **Membership Directory**.

Honorary (H)      Fellow (F)      Active (M)      Associate (A)      Student (S)

**Aye, Thomas L.**, Radio Engineer, Henry J. Geist & Associates, Inc. Mail: 42 Middle Neck Rd., Roslyn, Long Island, N.Y. (A)

**Barstow, John M.**, Telephone Engineer, Bell Telephone Laboratories. Mail: 105 Intervale Rd., Mountain Lakes, N.J. (M)

**Barz, Helmut**, Head, Rawstock and Printing, High Commissioner for Germany. Mail: Astallerstr. 15, Muenchen, Germany. (M)

**Bhate, Arvind G.**, Development Engineer, National Carbon Co. (India), Ltd., P.O. Box 2170, Calcutta 1, West Bengal. (M)

**Brown, Ilo M.**, Chief Engineer, The Ballantyne Co. Mail: 1707 Davenport St., Omaha, Nebr. (M)

**Chodkowski, Stanley**, New Inst. for Film and Television. Mail: 19 Goodyear Ave., Buffalo 11, N.Y. (S)

**Chyka, George W.**, Motion Picture Cameraman, KOTV—Cameron Television. Mail: 1320 S. Boulder, Tulsa, Okla. (A)

**Cooper, Donald H.**, Engineer-In-Charge, National Broadcasting Co. Mail: 14 E. Mason Ave., Alexandria, Va. (A)

**Dickinson, Robert V. C.**, Recording Engineer, Telescriptions, Inc. Mail: Roomc Rd., Towaco, N.J. (A)

**Fields, Louis**, Photographic Technician, Institute for Medical Research. Mail: 4024 Stone Canyon, Sherman Oaks, Calif. (A)

**Filipowsky, Richard F. J.**, Professor of Electronics, Head of Faculty, Madras

Institute of Technology (MIT India), Chromepet, Chingelput Dt., So. India (A)

**Frierson, Leland G.**, Vice-President, Ruthrauff & Ryan, Inc. Mail: 108 E. 86 St., New York 28, N.Y. (M)

**Frisbie, H. E.**, District Service Manager, RCA Service Co. Mail: 9215 Fernhill, Parma, Ohio. (M)

**Geist, Henry J.**, Sales Engineer & Consultant, Henry J. Geist & Associates, Inc. Mail: 196—5th St., Stamford, Conn. (M)

**Glasser, Donald W.**, Photographic & Reproduction Technician, Westinghouse Research Laboratories. Mail: 853 Inwood St., Pittsburgh 8, Pa. (A)

**Haraughty, Lois E.**, Chemist, Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood, Calif. (A)

**Hayden, Edward J.**, Chief Electrician, Ace Film Laboratories, Inc. Mail: 120 Linwood Ave., Bellmore, Long Island, N.Y. (A)

**Heidt, Horace**, Producer, Director, Actor. Mail: 14155 Magnolia Blvd., Van Nuys, Calif. (M)

**Kantrowitz, Philip**, Electronics Engineering Research Assistant, Microwave Research Laboratories. Mail: 2435 Frisby Ave., Bronx 61, N.Y. (A)

**Kapur, Jit L.**, University of Southern California. Mail: 1023 W. 36 St., Los Angeles, Calif. (S)

**Lankester, Christopher H.**, Technical Supervisor, United Nations. Mail: 144-79 Grand Central Pkwy., Jamaica 2, N.Y. (M)

**LaSala, Frank A.**, Foreman, Cameraflex Corp. **Mail:** 185 Forbell St., Brooklyn, N.Y. (A)

**Madsen, Erik R.**, Chief Engineer, Bang & Olufsen Aktieselskab. **Mail:** Gimsinghøj, Struer, Denmark. (M)

**Mayer, Allan**, Engineer, General Precision Laboratory. **Mail:** 132 Huntville Rd., Katonah, N.Y. (M)

**Mayer, George H.**, Lighting Carbon Specialist, National Carbon Div. **Mail:** 6207 Park Lane, Dallas, Tex. (M)

**Nash, Charles Kevin**, University of Southern California. **Mail:** 800 Sunset Ave., Venice, Calif. (S)

**Pieroth, John Phillip, Jr.**, Photographer. **Mail:** 1609 Peach Court, Seattle, Wash. (A)

**Richman, Donald**, Television Engineer, Hazeltine Corp. **Mail:** 64-25F 186 Lane, Fresh Meadows, N.Y. (M)

**Riebel, Fred, III**, Supervisor, Motion Picture Bureau, AETna Life Affiliated Companies. **Mail:** 151 Farmington Ave., Hartford, Conn. (M)

**Rothschild, Richard S.**, Engineer, Allen B. Du Mont Laboratories, Inc. **Mail:** 1165 Park Ave., New York 28, N.Y. (A)

**Schwartz, Morton**, Film Recording, RCA Victor Div. **Mail:** 698 West End Ave., New York 25, N.Y. (A)

**Sheldon, Stewart**, President, Sheldon Theater Supply. **Mail:** 1415 Amberly Dr., Dayton, Ohio. (M)

**Sims, John M.**, Commercial Manager, Motion Picture Equipment, General Precision Laboratory, Inc. **Mail:** Manville La., Pleasantville, N.Y. (M)

**Spiller, Gino**, University of Southern California. **Mail:** 713½ W. 35 Pl., Los Angeles 7, Calif. (S)

**Tall, Joel**, Audio Engineer, Tape Editor,

Columbia Broadcasting System. **Mail:** 1594 Unionport Rd., New York 62, N.Y. (A)

**Tohill, James C.**, Quality Control Analyst, Du-Art Film Laboratories, Inc. **Mail:** 37-42 64 St., Woodside, Long Island, N.Y. (M)

**Torp, Richard V.**, Photographer & Color Technician, Technicolor Motion Picture Corp., Research Dept., 6311 Romaine, Hollywood 38, Calif. (A)

**Wentker, Fred W.**, District Service Manager (Chicago District), RCA Service Co. **Mail:** 1505 Oak Ave., Evanston, Ill. (M)

**White, Reginald A.**, Engineer, General Precision Laboratory, Inc. **Mail:** 94 Park Rd., Deepwood, Chappaqua, N.Y. (A)

#### CHANGE OF GRADE

**Ballantyne, Robert S.**, President, Ballantyne Co. **Mail:** 1707 Davenport St., Omaha, Nebr. (A) to (M)

**Mitchell, Wayne**, Photography Instructor, Cinematographer, Audio-Visual Center, Miami University, Oxford, Ohio. (S) to (A)

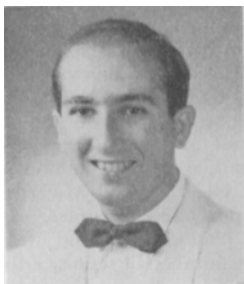
**Montague, Henry B.**, Projection Engineer, EUCOM Motion Picture Service, Maintenance & Supply Section, APO 807, c/o Postmaster, New York, N.Y. (A) to (M)

#### DECEASED

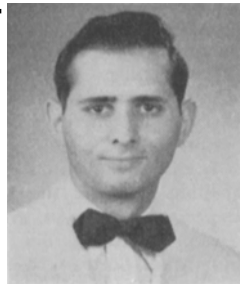
**Hornstein, Joe**, President, Joe Hornstein, Inc., 630 Ninth Ave., New York 19, N.Y. (A)

**Newell, David A.**, Recording Supervisor, Samuel Goldwyn Studios. **Mail:** 1156 N. Poinsettia Pl., Hollywood 46, Calif. (M)

Arthur Schneider



Donald Stern



Donald Stern and Arthur Schneider in the early spring were elected next year's Chairman and Secretary-Treasurer, respectively, of the Society's Student Chapter at the University of Southern California. Photos are by courtesy of University Photographer, University of Southern California.

## Carl Louis Gregory

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The full and active life of Carl Louis Gregory, pioneer cinematographer, came to an end at the age of 68, last March in Van Nuys, Calif., after a year's illness of arteriosclerosis.

The man who was to receive many honors, be granted many patents, to teach and lecture widely, to pioneer in many parts of the motion picture field, was born in Walnut, Kan., in 1882. At the age of 11 he was making his own first camera from a cigar box and spectacle lenses. He entered Ohio State University in 1899, became a graduate pharmacist in 1902 and was graduated in 1904 with a B.Sc. in Chemistry. He earned money for his college courses by doing the photographic work for the college annual and biological photography for the medical and veterinary colleges.

After college began a career which for many years was to bring some new activity every year, sometimes with every change of season:

In mid-1904 he joined the Official Photographic Dept. of the Louisiana Purchase Exposition and was in charge of various sections including one where up to 1200 individual portraits were taken in a day, the airdrome section with airship, balloon and aerostatic work for newspapers and publicity, and the Quick Post Card Galleries which took photos and finished them in seven minutes.

In 1905 he was taking views for post

card and commercial reproductions in the Southwest and Old Mexico, with a studio at Monterrey, Nuevo Leon, Mexico. In the spring of 1906 he had a commercial photography gallery at San Antonio, Texas, in conjunction with the Mills Engraving Co., and was making wet-plate line and halftone negatives for Mills. During the summer of 1906 he was official photographer for Manitou & Pikes Peak Ry. That winter he was in charge of the photographic Laboratory of Dodd-Rogers Co., Cleveland, Ohio, doing amateur finishing, blue printing and commercial photography.

In the spring of 1907 he was appointed photographer with the U.S. Geological Survey, doing chiefly wet-plate work but also lens and shutter testing and photomicrographic work under polarized light. In 1908 he transferred to the U.S. Reclamation Service, having first to do with everything in the making and exhibition of lantern slides then taking, developing, printing, titling and assembling motion pictures of the Reclamation Service work. He was then also installing, wiring up and operating stereopticons and motion picture projection machines to accompany lecturers. That year he lectured on color photography at George Washington University and before the American Chemical Society.

In the winter of 1908-9 he was stage manager and photographer for Burr McIntosh who gave lectures on "Our Country," "Our Navy," "Our Island Possessions," etc., in the major cities of eastern United States. In the spring of 1909 he began photographic investigation in cinematography for Thomas A. Edison.

In 1910 he became Chief Photographer for the Thanhouser Film Co. and in 1911-12 built for Thanhouser the California Studio which was later used by Majestic, Reliance and Chaplin film companies. In 1912 he was chief photographer and often director of a large number of scenic, educational, dramatic and propaganda films. In 1913 he was in charge of the entire production of the Princess Brand Films for Thanhouser, combining direction and photography of such films as *Break Upon the Waters*, *The Little Church Around the Corner*,

*Her Right to Happiness, The Tangled Cat, Friday the Thirteenth, Her Way, A Shotgun Cupid, The Grand Passion, The Strike, The Campaign Manageress, The Mystery of the Haunted Hotel, The Water Cure, A Deep Sea Liar, Little Brother,* and many others featuring such stars as William Russell, Florence LaBadie, James Cruze, Margaret Snow, Muriel Ostrich, Mignon Anderson and John Lehnberg.

He was the cameraman on the first serial, *Million Dollar Mystery*, starring Margaret Snow.

In the winter of 1914 he was Chief Photographer for the Williamson Submarine Expedition to the West Indies. On that expedition he made the first motion pictures ever taken beneath the surface of the ocean, something which was a large factor in his being made a Fellow of the Royal Photographic Society of Great Britain in 1915.

In the summer after returning from the West Indies he took a troop of actors on a western trip making dramatic and scenic pictures in the national parks under the permission and indorsement of the Secretary of the Interior. That fall he lectured at the Smithsonian Institution, Museum of Natural History at New York, the Philosophical Society at Philadelphia, and others.

In 1915 he was engaged in photographic research for Technicolor with Prof. E. J. Wall at Massachusetts Institute of Technology, then in the years 1916 and 1917 successively was Chief Photographer for Henry W. Savage Motion Picture Productions and Annette Kellerman Co., Fox Pictures. In 1918 he was in charge of instruction at the U.S. Signal Corps School of Cinematography where 800 men were trained for overseas photographic units. In 1919 he was lecturing on photoplay making at Columbia University. Over 200 reels of instructional film were produced by him in 1920-21 for the Graphic Instructor, subsidiary of United Publishing Co. which used the films for department store training.

During the next year he was doing photographic and research work for the Rodman Wanamaker Indian Foundation and producing such films as *The Vanishing American, Marshal Foch's Visit to America and Indian Customs*. In 1922-23 he was Managing Director of the Orient and India Picture Corp., producing films from his own scenarios in the South Seas, Japan, China, Malaya, Burma and India. In 1924-28 he was Dean of the New York Institute of Photography, during which he wrote one of his books on motion picture photography which is now reported on the rare book lists. In 1928 he was technical correspondent and in charge of professional equipment sales for Bell & Howell. From 1929 until 1936 he was occupied as consultant on photographic and cine processes and patents, serving such clients as Terrytoons, Fox, Pathecope, Metro, Paramount, Universal, Eastman Kodak, Raycol of London, Societe Francais Cinechromatique of Paris, and Siemens & Halske of Berlin, holders of patents on the lenticular film color process which the Kislyn Corp. has owned in this country. In 1936 he became Assistant in charge of Motion Picture, Photographic and Sound Record Surveys at the National Archives in Washington, D.C., where he remained until 1946.

He was a member of this Society and was also a member of the American Society of Cinematographers, the Edison Pioneers and the Oval Table Society. He was credited with building the first optical printer and he designed many machines such as a combined micro-colorimeter and densitometer, disk recording machine, a machine for cleaning dirty or oily film, for color processes as well as for cartoon animation on which he had patents. He had been a frequent contributor to this *Journal*, as well as to many other periodicals. He had for several years been editor of the department "Motion Picture Photography" in *Moving Picture World* and had also for years edited "Amateur Cinematography" in *Camera Magazine*.

**SMPTE Officers and Committees:** The roster of Society Officers and the Committee Chairmen and Members were Published in the April *Journal*.



**Fred Schmid**

After 53 years of service with the C. P. Goerz American Optical Co., New York, President and General Manager Fred Schmid has resigned from active work and is now living in retirement at his home in Larchmont, N.Y.

It was on September 13, 1898, when Fred Schmid's destiny was tied up with the Goerz interests. On that day, Fred Schmid, a young instrument-maker, applied for a position with the Goerz Optical Works in Berlin-Friedenau, Ger-

many. After a few hours' interview with C. P. Goerz, the founder of the Goerz enterprises, the latter offered to send him to America to open a branch factory there, in order to meet the ever increasing demand for Goerz photographic lenses in the U.S.A. In a spirit of adventure young Schmid accepted the offer readily and, after six months of intensive study of the manufacturing methods of the parent house, he arrived in New York in May 1899 to set up shop. Since then the making of Goerz American photo-lenses was carried on here under his personal supervision.

The American firm was incorporated in 1906 as the C. P. Goerz American Optical Company and its assets and manufacturing rights were acquired through purchase by a small group of American citizens in 1920. The German Goerz Company was merged in 1926 with the well-known Zeiss Ikon Corp. in Germany. Today the American Goerz firm is the only company which supplies a full line of the Goerz Photo-lenses.

Fred Schmid, at first in charge of production, was made General Manager in 1910, Vice-President of the American company in 1920 and finally President in 1937. He made the last of his frequent business trips back to Germany during the summer of 1949. The company has announced that Mr. Schmid will continue to serve on its Board of Directors and in a consulting capacity.

Fred Schmid was born at Lehe, near Bremerhaven, on August 5, 1870, and next month will celebrate his 81st birthday with his three daughters at their summer cottage in South Salem, N.Y. He has been a member of this Society since 1929.

## BOOK REVIEWS

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### **Encyclopedia on Cathode-Ray Oscilloscopes and Their Uses**

By John F. Rider and Seymour D. Uslan. Published (1950) by John F. Rider Publisher, Inc., 480 Canal St., New York 13. 992 pp. + 8 pp. index + 3000 diagrams and illustrations.  $8\frac{1}{2} \times 11$  in. Price \$9.00.

This valuable new book is a rather complete collection of practical information relating to modern oscillographs and their

uses. There is the absolute minimum of mathematics included, and the authors have not resorted to too intense theoretical treatment. Only the essentials have been covered. Since the book is on a practical level it will undoubtedly find widespread acceptance.

The reader will find a description of practically every type of commercial oscillographic equipment included, together with information which the engineer can put to practical use every day.