

## IN MEMORIAM

**H**OWARD M. TREMAINE, Fellow of the Audio Engineering Society, member of Society of Motion Picture and Television Engineers, engineer, author, and retired naval officer, died on May 20, 1969 at the age of 68.

Dr. Tremaine was born in Minneapolis, on March 14, 1901. As a child, he travelled with his parents in show business as "The Musical Tremaines." Acquiring a book by Marconi on wireless, he adopted radio as a hobby. He then became a wireless operator and operated amateur station 3BQ before World War I. After the war, he and his father manufactured wireless equipment in Philadelphia, until he moved to Chicago, where he worked for the Health Department and organized a dance band.

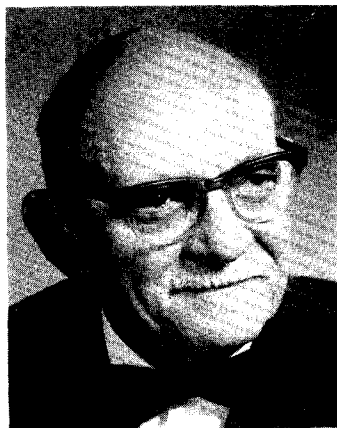
In 1923, Dr. Tremaine moved to Hollywood and entered the motion picture industry with the Jesse Lasky Famous Players. Later, he became a recording and development engineer, and was associated with the Victor Talking Machine Co. when they developed their first electrical sound reproducing machine. He collaborated in the development of the multichannel recording and reproducing equipment used in the classic Walt Disney film, "Fantasia."

In the early days of experimental television, Dr. Tremaine helped install the first TV transmitter on Mt. Wilson for the pioneer Don Lee station in Los Angeles. He had the first television receiver in Hollywood.

From 1941 to 1946, Dr. Tremaine served in the United States Navy as an electronics officer, with the rank of lieutenant commander. From 1946 to 1951, he operated a school of audio engineering and in 1952 became chief of the Sound Division, Lookout Mountain Air Force Station, in Hollywood. In 1962, he moved to West Van-

couver, B.C., where he supervised the construction of the Panorama Film Studios as engineering consultant.

Dr. Tremaine was chairman of the Los Angeles Section of the AES in 1951, and West Coast vice president and treasurer in 1952. He received an award for outstanding service to the



Howard M. Tremaine

Society and to the audio engineering field, and was made a Fellow in 1955.

Most of us will remember Howard Tremaine for his writing on various phases of audio engineering. He had 18 published papers and five books in print, and was proofreading the second edition of his widely-read *Audio Cyclopedia* at his death.

He leaves his wife, Sandy; a daughter, Mrs. E. J. Hustler; and four grandsons.

**H.**BERESFORD SMITH, independent audio and motion picture consulting engineer, and onetime colonel in the United States Army Signal Corps, died on April 21, 1969. A broadcasting pioneer, he did announcing and production at WOR in New York City from 1926 to 1930. Later he worked

on experimental sound research, building his own laboratory and machine shop in Litchfield, Connecticut. Colonel Smith was active in a number of fields and was a member of SMPTE, Amateur Cinema League, Authors' League, Adventurers' Club, Quiet Birdmen, Air Service Post, and American Legion. He and his wife were living in New York City at the time of his death.

**J**ACK GILBERT, president of Gilbert & Felix, Inc., and a pioneer advertising man in the audio and photographic fields, died of a heart attack on June 11 at the age of 61.

Gilbert was born in New York City, attending Columbia University for pre-law studies. He received the LLB degree from Brooklyn Law School. His hobbies were high fidelity, photography, painting, and one of his first jobs was at the Penn Camera Exchange, where he began a lifelong friendship with its owner, Joseph Ehrenreich. When Ehrenreich founded Ehrenreich Photo-Optical Industries, 16 years ago, to market the then-unknown Nikon camera, Gilbert devised the marketing strategy which made the camera the outstanding product in its field.

In 1951, Gilbert joined Shappe-Wilkes advertising agency. Three years later, he formed his own agency, Jack Gilbert Associates, which eventually became Gilbert & Felix, Inc. The firm represented such companies as Pilot and Rek-O-Kut in the early years of the component hi-fi industry, and was first counsel for the Institute of High Fidelity shows.

He is survived by his wife, Fern; a sister, Mrs. Henrietta Topkis; three children, Mrs. Miriam Stein, Alan Gilbert, and Eli Gilbert; and two grandchildren.