

In Memoriam

(Editor's Note: The following obituary is reprinted courtesy of *The Boston Globe*.)

Arthur A. Janszen, a leading developer of electrostatic loudspeakers, died of a cerebral hemorrhage Oct. 16 at Brigham and Women's Hospital. He was 84 and lived in Belmont.

Mr. Janszen was chiefly responsible for the KLH Model 9 and the Acoustech-10 speaker systems of the 1960s.

Later he invented devices to measure the elasticity of yarns used in parachutes and to make fibers used in synthetic rugs less capable of producing static electricity.

A native of Yoakum, Texas, Mr. Janszen graduated from the University of Texas in 1943 and immediately joined the staff of the Underwater Sound Laboratory at Harvard University, working to develop sonar-guided torpedoes and underwater sensing devices.

His research for the Navy led Mr. Janszen to electrostatic speakers, first produced in the 1920's but initially abandoned as impractical. Using plastics, he introduced in 1952 an electrostatic tweeter which, when combined with a woofer made by Acoustic Research, produced a speaker system regarded by many experts as the finest of its day.

Electrostatic speakers are regarded as more accurate but are more expensive than the most popular type, electromagnetic speakers, which use cones.

In 1959, Mr. Janszen sold his five-year-old Janszen Laboratory Inc. of Cambridge to KLH Research and Development Corp. of Cambridge and became a vice president of KLH.

He left KLH in the 1960s to join Acoustech Inc. of Cambridge and help integrate amplifiers with speakers. Since the 1970s he has been a consultant to various speaker producers.

He leaves his wife, Pearl (Pollard); two sons, David A. of Medford and Eric H. of Boston; a daughter, Karen E. of Los Angeles; and two brothers, Milton H. of San Marcus, Texas, and Herbert H. of Alpine, Texas.