



HISTORICAL ACHIEVEMENTS

## VALLEY OF THE GIANTS



**BERNARD C. STUPP**

Bernard C. Stupp was born near Brookfield, Ohio, on March 30, 1918. He attended Brookfield Elementary and High Schools. He was a member of the State Championship Brookfield H.S. Baseball team.

Upon high school graduation, he joined General Motors' Delco Products Division as an electric coil winder, and shortly thereafter, enrolled in General Motors Institute of Technology in 1937, from which he graduated as Industrial Engineer in 1941 and became a Delco Process Engineer. In 1944, he was certified as an Ohio State Professional Engineer.

After serving as Delco's Super-

visor of Process Engineering—in charge of plating, painting, cleaning, heat treating, lubrication and plastics from 1945 to 1948, he left Delco to manage the Hohman Plating business which he had purchased back in 1946. Hohman specializes in Tribological Coatings, and is a nationally-recognized leader in that high-technology field.

During the 48 years under his expert guidance as President and General Manager, Mr. Stupp has greatly expanded Hohman's metal finishing operations and had been actively engaged in the research and development of solid film lubricants, of which several commercial products are sold nationally—as are various metal testing and measuring instruments. Hohman's annual growth rate has been compounding at an average rate of 18%!

During World War II, Stupp's firm had developed many new technologies for the lubrication of inaccessible parts in aircraft engines and systems. Hohman's dry film solid lubricants became the basis for standardization of military lubrication specifications. Mr. Stupp became actively affiliated with the Society for Tribologists and Lubrication Engineers (STLE). The Hohman A-6 Tester became the favorite around the world for high temperature, high load testing of thin-film lubricants. In addition to the thin-film lubricants, Mr. Stupp has been responsible for the development of many new electroplating techniques in aluminum, brass, cadmium, chrome, lead, copper, magnesium, nickel, tin, titanium, nitride, zinc, plus many precious metals. Today's space vehicles utilize many of the processes developed and provided by Hohman.

Bernard C. Stupp is an active

member of several prominent technical societies, including over 50 years with the American Electroplaters Society. He is one of the founders of the Society for Plastic Engineers and member since 1943. He is an active member of our Dayton Engineers Club for 54 years, and was the Club's President in 1963. He has actively served the Society for Tribologists and Lubrication Engineers since 1953. He has authored many technical papers in the fields of lubricants and tribology, and has served as Director of the Industrial Institute of Tribology.

Mr. Stupp has employed and helped many young people secure a good education, and several have achieved successful careers.

He is a member of various Masonic organizations, as well as Kiwanis and the Miami Valley Golf Club. In 1985, he was made a FELLOW in the American Society of Tribology and Lubrication Engineers, and in 1988, was appointed by General Abraams to the U.S. Committee of the Strategic Defense Initiatives (SDI) (or "Star Wars," as most would recognize).

Bernard C. Stupp could be seen for many years, and on a regular basis, at lunch in the Engineers Club with a table of eight to 10 other engineers. Their table was along the wall at the left, as you entered the main dining room middle door. This regular daily noon meeting was discontinued just before the "Ivory Room" became the "Wright Room." Little did anyone at the time, realize the important contributions that this young engineer was making to the betterment of the community and the nation. And now, he is hereby listed among the other Giants—in this, our VALLEY OF THE GIANTS!