

Edward William Jackoboice was born in 1907. We do not know much about Edward's early years. We do have a photo of him sailing a sailboat. We can deduce that he enjoyed the Ramona recreational area at Reeds Lake, in part because he had an apartment there near the end of his life (after his wife's passing). We can also deduce young Ed's interest in his father's work as a machinist at the West Side Iron Works. Ed became equally inventive and innovative, ultimately holding nine patents. The Grand Rapids Press described him as "a pioneer in developing and designing hydraulic systems."

Edward studied business at Davenport College in Grand Rapids. Joining the family business, he and his brother George renamed it... On March 4, 1931, the publication *Michigan Tradesman* reported: "Edward W. Jackoboice, manufacturer of road machinery at 327 Front Avenue, N.W., has merged the business into a stock company under the style of the Monarch Road Machinery Co. with a capital stock of \$25,000, \$6,000 being subscribed and paid in" (Vol. 58, No. 2476, Mar. 4, 1931, Pg. 4, Col. 4 under "Manufacturing Matters").

The brothers' teamwork for the next five decades was very productive. In the book, *Grand Rapids, A City Renewed*, author Gordon Olson wrote, "By the 1930s, Monarch was building hydraulic systems to raise and lower the grading blades trucks used to smooth the gravel on dirt roads...." They installed many (reversible) grading blades, a.k.a. "Hydraulic road scrapers." George recalled, "For a few years Monarch scrapers patrolled the main highway system from Indianapolis to Sault Ste. Marie."

From 1941 to 1945 during World War II, Grand Rapids companies joined the war effort and made everything from ammo boxes to airplane propellers. Monarch built hydraulic systems - and fast brass torpedo propellers - towards victory over Nazi Germany and Imperial Japan. After the war, Monarch pumps powered snowplows on war surplus jeeps. "By the 1950s, almost every snowplow in the U.S. raised and lowered its blade with a Monarch hydraulic pump" (from article "Business All-Stars" in *The Grand Rapids Press*, 5/2/1993). In 1954, according to a business profile by George A. Jackoboice in the *Grand River Valley Review* (Fall-Winter 1981), the growing demand for hydraulic products led to construction of a new factory at 1363 Michigan Street. In the 1960s, first sons Edward James Jackoboice (1935-2012) and George Alan Jackoboice Sr. (1941-1999) led their generation of the family into the business.

Monarch grew to 125,000 square feet of factory and office space by 1981, with a Canadian subsidiary "and an assembly facility in the Netherlands to supply the European market." George reported that by 1981 Monarch had "slightly more than one-third of the international market for direct current (battery-operated) precision power hydraulic pumps, valves, cylinders and systems... for use on snowplows, ready-mix trucks, tailgate loaders, materials-handling devices, scissors lifts, elevating ladders, automobile transports, aerial ladders, pallet trucks, concrete saws, jib cranes and other mobile and industrial devices. Monarch pumps have been used on Tournament of Roses parade floats, on animation devices at Disneyland... and as part of the control system on drone planes used as targets by fighter pilots." In 1983 the longtime hydraulics company changed its name to Monarch Hydraulics, Inc.

Author Gordon Olson noted, "Running a company side by side for over 40 years - most days eating lunch together - George and Edward teamed in symbiotic fashion that helped their business thrive. They listened carefully to their customers' changing needs, and then went back to the shop and built lifts to meet those precise needs." Enterprising men of integrity, the brothers were inducted into the Greater Grand Rapids Business Hall of Fame.

To see Edward William's complete profile with photos and more, one can go to the "Find A Grave" website [here](#).

Ed and his wife Mildred lived at 100 Maryland NE, where he enjoyed driving his lawn tractor to mow a long green lawn. And he always enjoyed planning their next trip (and its carousel slide show). Former schoolteacher Mil enjoyed her garden... and cooking for family... and playing golf and "bridge" with friends. In their older years they wintered in Pompano Beach, Florida.

Edward William's patents can be seen on the Internet, with original illustrations and detailed descriptions. Go to: <http://www.google.com/advanced> patent search. Find the "Inventor" line, type Jackoboice, click Google Search. His known patents are titled: Pump mounting and drive (patent issued 1950)... Road barrier [barricade] (1959)... Generator pump and bracket assembly (1965)... Garden tractor hydraulic system (1965)... Integrated cylinder and power unit (1968)... Compound rotary valve (1969)... Flexible control mechanism for valves and the like (1969)... Mounting means for vehicular implements (1970)... Hydraulic control valve (1974)... Power means for a cement discharge chute (1969, by Edward W. and George A. Jackoboice).