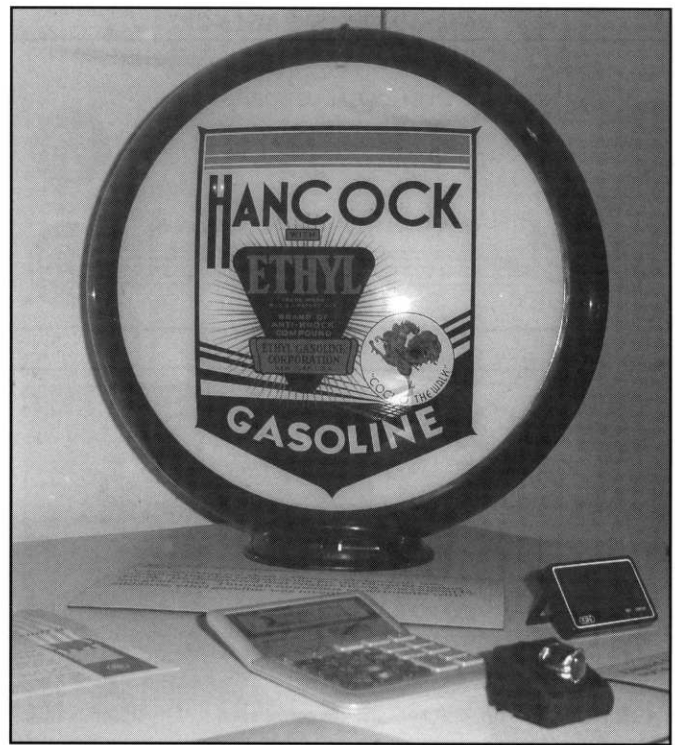


Janning, Frazee inventions in Dayton History displays

Dayton History has lent the Engineers Club three display cases on "Dayton Innovations." Two of the displays include the inventions of Club members **John Janning** and the late **Ermal Frazee**, whose works are explained in even greater detail in permanent exhibits in the Nutter Cyber Safari Pub. The Dayton History displays, which include other 20th Century inventions by Daytonians, stand in the foyer outside the auditorium.

Mr. Frazee's invention, of course, was the pop-top can.

A pocket calculator, a digital clock, and a mood ring are exhibited as items that utilize liquid crystal technologies. Says the plaque: "Liquid crystals were first discovered in 1888 by Austrian botanist Frederich Reinitzer. Practical liquid crystal displays would not become possible for another 80 years. In 1984, John Janning simplified the liquid crystal display production process, making it available on a large scale."



Pocket calculator, digital clock and mood ring beside ethyl gasoline pump top.

Other inventions in the cases include:

- The twin-bar ice-cube tray, developed by Arthur J. Frei of Frigidaire in 1952.
- The dishwasher rack, developed in the 1950s by Frigidaire engineer Margaret J. Andrew.
- Micro-encapsulation, the "scratch and sniff" technique, developed in 1955 by Barrett K. Green, while working for NCR.
- Microfiche, 1965, by Carl O. Carlson.
- Ethyl leaded gasoline was developed by Thomas Midgley in 1921 as a way to prevent severe engine knock.

Club Ambassadors

Thanks to those who have sponsored new members since the fiscal year began June 1.

- Ben Graham (3)
- Harry Seifert (2)
- Marcia Muller (2)
- Mark Couch
- Chuck Buchanan
- Phil Mowry (2)

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