



MATILDA

EFFECT



Pionierinnen der Forschung **Female Pioneers of Research**

Pt. 40

Marga Faulstich





Marga Faulstich (1915-1998)

Chemist

As a research assistant at the leading manufacturer of optical specialty glass, the *Schott glassworks* in Jena, she was an absolute exception as a woman in a strongly male-dominated industry. From assistant to lab technician and scientific associate, she advanced to become a researcher in development.





She worked at *Schott* for 44 years and developed over 300 types of glass, resulting in 40 patents.

The results of her fundamental research on anti-reflective coatings are still used today in sunglasses, anti-reflective eyeglass lenses, and building façades.



Although she became a member of the Nazi Party (NSDAP) in 1937, after her fiancé was killed in World War II, she focused solely on her research.

After the war, she and other researchers from the *Schott*-company were brought to the American occupation zone. In 1949, a new research laboratory was established, and by 1952, production began in Mainz.





Sie war die erste weibliche Führungskraft bei *Schott* und trug entscheidend zur Entstehung von Sehhilfen in der heutigen Form statt.

1979 ging sie in Rente, blieb aber als Beraterin tätig und hielt Vorträge auf Konferenzen.

She was the first female executive at Schott and played a key role in the development of modern visual aids.

In 1979, she retired but continued to work as a consultant and gave lectures at conferences.

