

1952

BIOGRAPHICAL NOTES

DR. MARIA TELKES

Dr. Maria Telkes is Research Associate in Metallurgy at the Massachusetts Institute of Technology. During World War II, she served as Civilian Advisor to the Office of Scientific Research and Development, devoting her efforts to the design of a distilling system using solar heat to convert sea water to drinking water. She subsequently modeled and adapted for production a portable solar distiller for life rafts.

In 1945, she received a Certificate of Merit from the OSRD for this development.

She is the first recipient of the SWE "Award for Meritorious Contribution to Engineering".

From 1937 to 1939, she was employed as a research engineer at Westinghouse Research Laboratories in East Pittsburgh, Pa.

Prior to this, from 1927 to 1937, Dr. Tilkes was research associate with Dr. George Crile in the Cleveland (Ohio) Clinic Foundation where, in collaboration with Dr. Crile, she worked on the development of a photo-electric mechanism capable of recording the emanations of energy of the human brain.

Dr. Telkes received her B.A. and PhD. from Budapest University, in physical chemistry.

She is a member of the American Chemical Society, the Electrochemistry Society, Sigma Xi, the Business and Professional Women's Club, and a life time member of the Society of Women Engineers.

# # # #