

# What did maria telkes invent

Maria Telkes was a Hungarian-born scientist who pioneered solar energy applications, such as the world's first solar-heated home, a portable water purifier, and an electricity-f...

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[18] Her most notable innovation was the invention of the solar distiller and the development of the first solar-powered heating system designed for residential use. [3] In addition, Telkes also devised ...

The Hungarian-American biophysicist and inventor Maria Telkes pioneered solar energy by inventing a solar oven, a solar desalination kit and, in the late 1940s, she helped design one of the ...

Over the course of her career, she developed innovative processes for capturing and deploying solar energy, including one of the first successful solar ovens, solar heating systems, and ...

Maria Telkes was a Hungarian-born American physical chemist and biophysicist best known for her invention of the solar distiller and the first solar-powered heating system designed for residences.

She continued her research as a biophysicist there until 1937, working for a time with Dr. George Crile on a series of experiments which led to the invention of a photoelectric mechanism for recording the ...

Telkes developed a lightweight water distillation device that used clear plastic film and the heat of the sun. It was perfect for warm, humid, tropical latitudes, and was included in emergency medical kits.

National Inventors Hall of Fame (NIHF) Inductee Maria Telkes devoted her professional life to this undertaking, and in the process invented some of the world's first solar heating systems, ...

Hungarian-American biophysicist and inventor Maria Telkes illuminated the field of solar energy. She invented a solar oven, a solar desalination kit and, in the late 1940s, designed one of...

Overview Career Early life and education Awards, accolades, honors, professional groups Patents & Papers Legacy Further reading Telkes moved to the United States in 1924, and visited a relative who was the Hungarian consul in Cleveland, Ohio. There, she was hired to work at the Cleveland Clinic Foundation, which was founded in 1921 by biomedical researcher George W. Crile, to investigate the energy produced by living organisms. Telkes did some research while working at the foundation, and under the leadership of George Washington Crile, they invented a photoelectric mechanism that could record brain waves. They also ...



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Maria Telkes devoted her career to this very endeavor, inventing in the process one of the first successful solar ovens, solar heating systems, and a solar water distilling system for making ...

In 1953, when Telkes was at New York University, she received a Ford Foundation grant to design and develop a solar stove for use in developing countries. Once again her design was ...

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