

Solar-Powered Machines Displayed At Phoenix

PHOENIX, Oct. 29 (AP)— A show of machines run entirely on solar power opened Saturday, marking man's first concerted drive to turn the tremendous energy of the sun to practical use.

The exhibits range from a solar stove which can be folded up like an umbrella to a gigantic sun engine which is already in use in desert irrigation areas.

They are merely the window dressing for the World Symposium on Applied Solar Energy, a conference of about 1,000 scientists which will meet here and in Tucson this week to present research papers and discuss the principles of harnessing the sun.

Topics at the panel discussions include cooling and heating with the sun, solar energy in the home, solar machines and stills and food from solar energy.

Each one of these is demonstrated by a display at the out-

door exhibit, which is aptly drenched in the brilliant desert sun of Phoenix.

A large assortment of solar cookers, which their inventors demonstrated today by frying eggs, roasting chickens and frying hamburgers, is on display. The cheapest will sell for \$9 in Egypt, where fuel is scarce, Inventor Adnan Tarcici of Lebanon said.

George O. C. Lof, Denver engineer, said he is planning to move into a house with a solar furnace this winter. It works by blowing sun-heated air over gravel, then blowing cold air over the warm gravel at night. However, this must be supplemented with conventional heat.

A Phoenix inventor, William A. Rhodes, displayed a device which converts the sun's energy into hydraulic pressure. He said that it could be mass-produced at \$300 and would serve as an excellent source of electricity for running a refrigeration unit.

Clipped By:



jamespcarrion
Fri, Sep 14, 2018