

(12) United States Patent (45) Date of Patent: Oct. 24, 2023

ABSTRACT

This invention provides a solar fluid heating panel with fluid conduits that allow a fluid to be heated by the sun. It also provides a mounting system and weather sealing system that allow the panels to replace a traditional roof. The roof replacing panels can be installed quickly using mounting brackets attached to roof purlins. The panels can allow natural ambient light to enter the building while harnessing the sun's energy to heat fluid within the conduits.

