

ABSTRACT

A solar pavement or a solar pavement module may include one or more solar tile. The solar tile includes a photovoltaic device, a cover, and a frame. The frame and the cover define an enclosure. The photovoltaic device may be wholly disposed in the enclosure. The photovoltaic device includes a light-sensitive area. The cover including a light-transmissive area. The frame includes a first frame component and a second frame component. The first frame component is coupled with the cover. The first frame component supports the cover spaced apart from the photovoltaic device. A lap joint may be formed between the first frame component and the second frame component.

FIG. 1