

PHOTOVOLTAIC DEVICE AND METHOD OF MANUFACTURING THE SAME

ABSTRACT

The invention provides a photovoltaic device and method of manufacturing the same.

- 5 The photovoltaic of the invention includes a semiconductor structure combination and a protection layer. The semiconductor structure combination has a plurality of sides, and includes a p-n junction, an n-p junction, a p-i-n junction, an n-i-p junction, a tandem junction or a multi-junction. In particular, the protection layer is formed to overlay the sides of the semiconductor structure combination. Thereby, the
- 10 protection layer can effectively inhibit the potential-induced degradation effect of the photovoltaic device of the invention.

Figure 1