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(54) Title: PHOTOVOLTAIC DEVICE WITH PATTERNED GLASS CONCENTRATOR

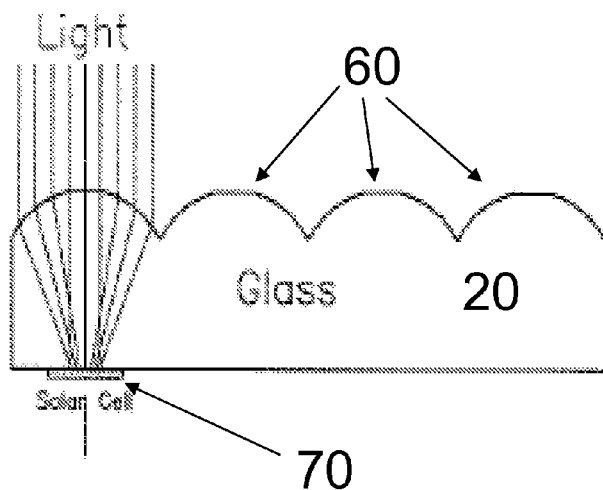


Figure 2

(57) Abstract: The present invention provides a photovoltaic device having an optical component that is capable of concentrating solar energy and method of making the same. More specifically, the present invention provides for an on-line produced patterned glass component that is capable of concentrating solar energy and allows for significantly less photovoltaic material to be used in a photovoltaic device. The present invention also provides for an on-line method of making the patterned glass and a method for making a photovoltaic device incorporating the patterned glass described herein.

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