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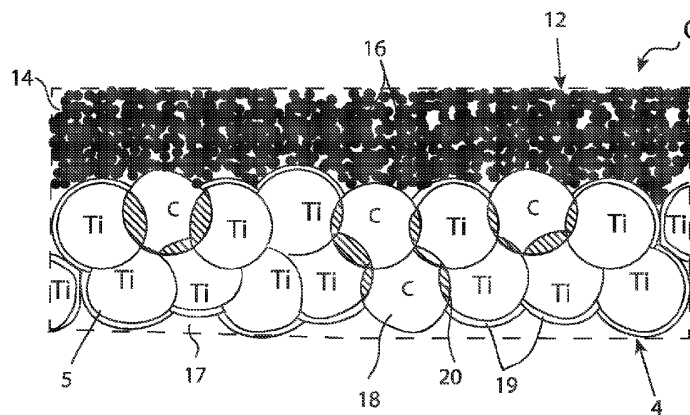


Fig. 2

(57) Abstract: The present invention relates to a photovoltaic device comprising a porous conductive layer 4 comprising titanium particles 5 made of titanium or an alloy thereof, a conductor device in electrical contact with the porous conductive layer, and an adhering layer 12 arranged between the porous conductive layer 4 and the conductor device 10. The adhering layer 12 comprises an adhesive 14 and first conducting particles 16 distributed in the adhesive. At least a portion of the porous conductive layer 4 comprises second conducting particles 18 distributed among the titanium particles 5. The second conducting particles 18 are made of a conducting material that substantially resists formation of an electrically insulating oxide layer on its surface upon oxidation. The titanium particles 5 and the second conducting particles 18 are sintered together so that conducting junctions 20 are formed between the titanium particles 5 and the second conducting particles 18, and the first conducting particles 16 in the adhering layer 12 is in electrical contact with the second conducting particles 18.

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