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(54) Title: COATED SOLAR CELL

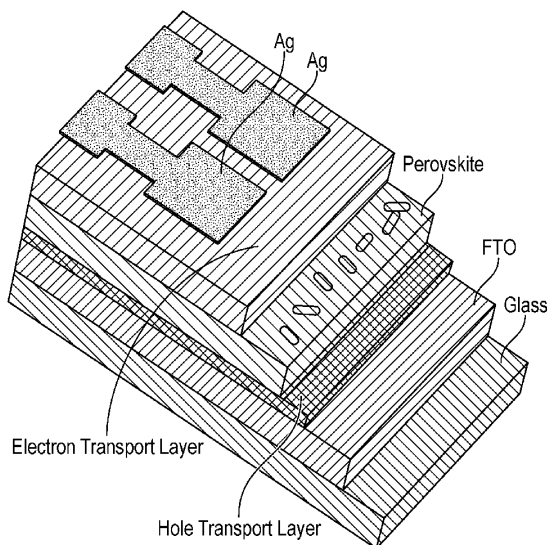


FIG. 1

(57) Abstract: A solar cell assembly comprising: adjacent layers defining an interior lumen, sealant between the adjacent layers to seal the interior lumen, and a solar cell within the sealed lumen, characterised in that the solar cell is a perovskite solar cell and in that a layer comprising ta-C is present on an external surface of the assembly, e.g. on a front and/or a back layer of the assembly, or on the sealant, e.g. at the junction between the sealant and each of the adjacent layers. The solar cell assembly is made by assembling the solar cell, adjacent layers and sealant, and depositing a ta-C coating onto an external surface of the assembly. The resultant assembly is resistant to water and/or air ingress and has improved stability in use.

[Continued on next page]

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