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(54) **SOLAR CELL, PHOTOVOLTAIC MODULE,
AND ELECTRICAL DEVICE**

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ABSTRACT

A solar cell includes a plurality of sub-cells. The plurality of sub-cells are disposed sequentially along a first direction. The plurality of sub-cells each include a first photovoltaic conversion layer for performing photovoltaic conversion. The first direction is perpendicular to a thickness direction of the sub-cells. Along the first direction, a trend of change in a thickness of the first photovoltaic conversion layer of each sub-cell is negatively correlated to a trend of change in a cross-sectional area, perpendicular to the thickness direction, of each first photovoltaic conversion layer, so as to improve uniformity of photocurrents output by the sub-cells and uniformity of electrical current.

