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(54) Title: PHOTOVOLTAIC DEVICES WITH MULTIPLE JUNCTIONS SEPARATED BY A GRADED RECOMBINATION LAYER

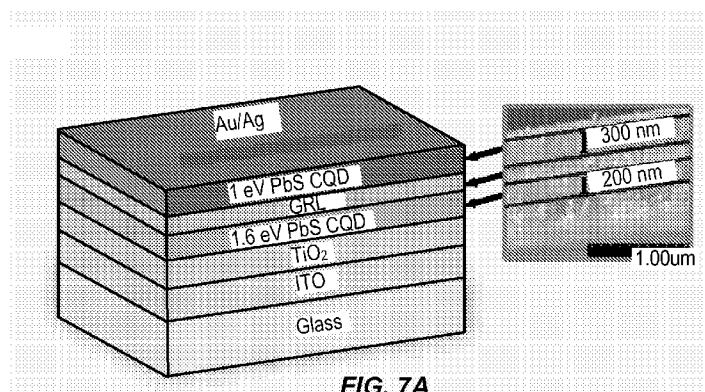


FIG. 7A

(57) Abstract: A recombination layer with a gradient work function is provided which increases the power-conversion efficiency of multijunction photovoltaic devices by reducing the energy barrier to charge carriers migrating between pairs of photovoltaic junctions thereby facilitating the optimal recombination of opposing electron and hole currents generated when the photovoltaic is illuminated.