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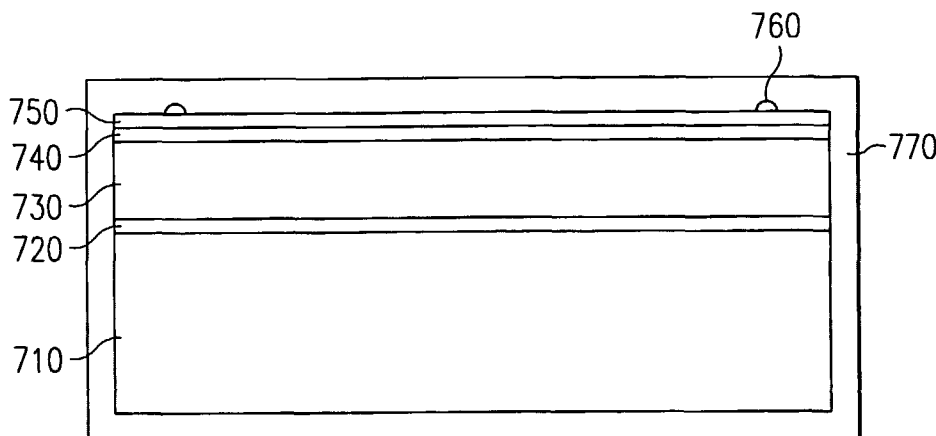
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(54) Title: PHOTOVOLTAIC DEVICES AND COMPOSITIONS FOR USE THEREIN



(57) Abstract: Systems and methods are described for compositions, apparatus and/or electronic devices. A composition, includes a composition layer 160, 660, 730 defining a first surface and a second surface, the composition layer 160, 660, 730 including a collection layer 170, 685 that is located closer to the first surface than to the second surface. An apparatus, includes a semiconductor absorber layer 730 defining a first surface and a second surface; and an electrode layer 645, 720 coupled to the first surface of the semiconductor absorber layer 160, 660, 730, wherein the semiconductor absorber layer 160, 660, 730 includes a collection layer 170, 685 that is located closer to the first surface than to the second surface. A electronic device includes a semiconductor structure 160, 660, 730 for absorbing, the semiconductor structure for absorbing 160, 660, 730 defining a first surface and a second surface; and an electrode structure 645, 720 for conducting coupled to the second surface of the semiconductor structure 730, where the semiconductor structure 160, 660, 730 includes a collection layer 170, 695 that is located closer to the first surface than to the second surface.



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