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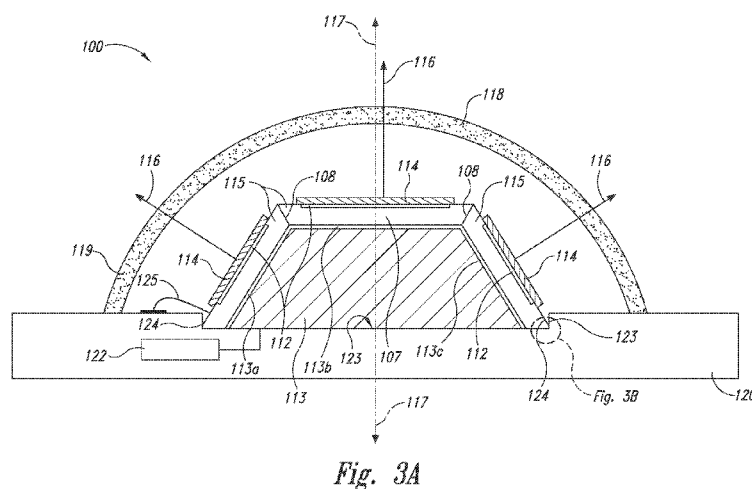
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(54) Title: MULTI-DIMENSIONAL LED ARRAY SYSTEM AND ASSOCIATED METHODS AND STRUCTURES



(57) Abstract: A formed, multi-dimensional light-emitting diode (LED) array is disclosed. A substrate is bent into a trapezoidal shape having different sections facing in different directions. Each section has one or more mounted LEDs that emit light with an azimuthally non-circular, monotonic angular distribution. A converter material is placed in an optical path of the LEDs to alter characteristics of the light from the LEDs.