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(54) Title: MICRO-LIGHTGUIDE FOR MICRO-LED

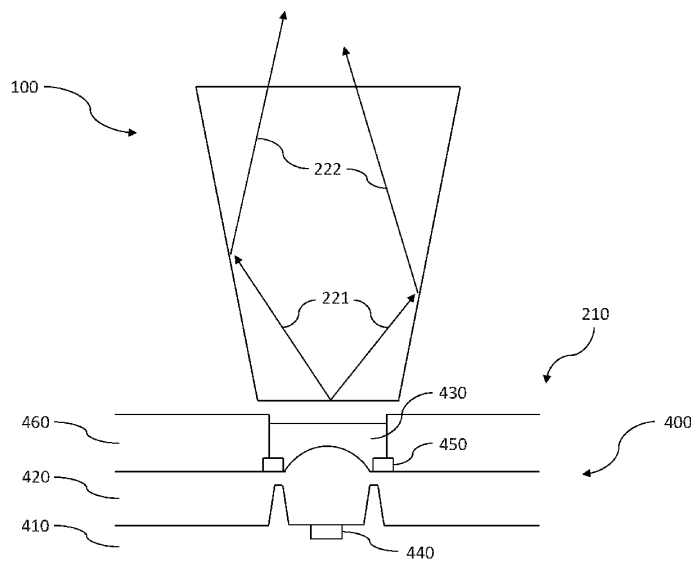


Fig. 4

(57) Abstract: A method for fabricating a frusto-conical micro-lightguide for collimation of light emitted from micro-LEDs. The method comprises depositing a layer of UV-curable material onto a substrate. A first part of the layer is selectively cured using UV light having a conical irradiation profile to define a shape of the frusto-conical micro-lightguide. The UV-curable material is developed to remove one of the first part of the layer and a second part of the layer, wherein the second part of the layer is uncured.

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