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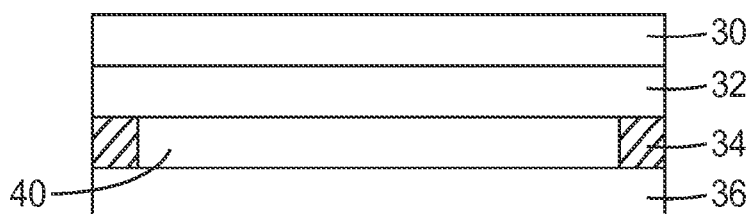


FIG. 3

(57) Abstract: A light extraction film laminated to a glass substrate for organic light emitting diode (OLED) devices. The light extraction film includes a flexible substantially transparent film, a low index nanostructured layer applied to the film, and a high index planarizing backfill layer applied over the nanostructured layer. A glass substrate is laminated to the flexible substantially transparent film on a side opposite the nanostructured layer and including an ultra-low index region between the film and the glass substrate. The ultra-low index region is used to reduce optical losses occurring with the glass substrate.

