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KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
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Declarations under Rule 4.17:

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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- *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

- (54) Title:** PIXELATED LED

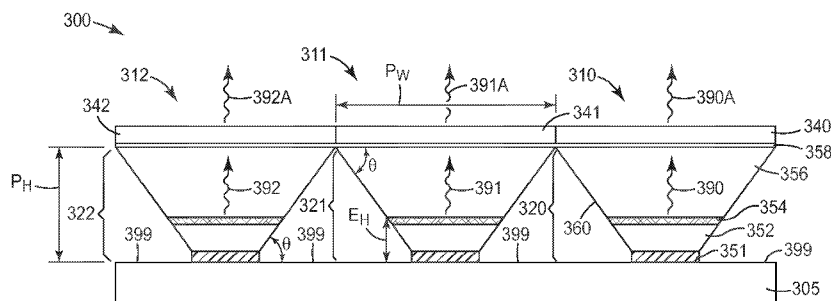


FIG. 3

- (S7) Abstract:** A pixelated light emitting diode (LED) and a method for pixelating an LED are described. The pixelated LED includes two or more monolithically integrated electroluminescent elements disposed adjacent each other on a substrate, wherein at least a portion of each electroluminescent element immediately adjacent the substrate includes an inverted truncated pyramidal shape. The method for pixelating an LED includes selectively removing material from the major surface of an LED to a depth below the emissive region, thereby forming an array of inverted truncated pyramid shapes. The efficiency of the pixelated LEDs can be improved by incorporating the truncated pyramidal shape. Additionally, the crosstalk between adjacent LED pixels can be reduced by incorporating the truncated pyramidal shape.