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(54) LIGHT EMITTING DEVICE PACKAGES, LIGHT EMITTING DIODE (LED) PACKAGES AND RELATED METHODS

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patent is extended or adjusted under 35

U.S.C. 154(b) by 714 days.

This patent is subject to a terminal dis-

claimer

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(51) Int. Cl.

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H01J 5/48 (2006.01)

See application file for complete search history.

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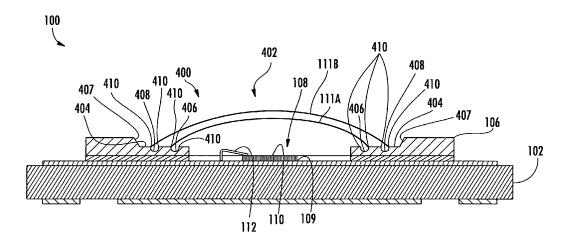
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(57) ABSTRACT

Light emitting device packages, light emitting diode (LED) packages and related methods are disclosed. According to one aspect, a light emitting device package is provided. The package includes a mounting pad adapted for attachment of a light emitting device. A lens coupler is attached to the mounting pad and defines an opening for containing the light emitting device and a quantity of encapsulant. The lens coupler includes a surface defining a depression which comprises at least one edge that shapes an outer surface of the encapsulant.

25 Claims, 16 Drawing Sheets



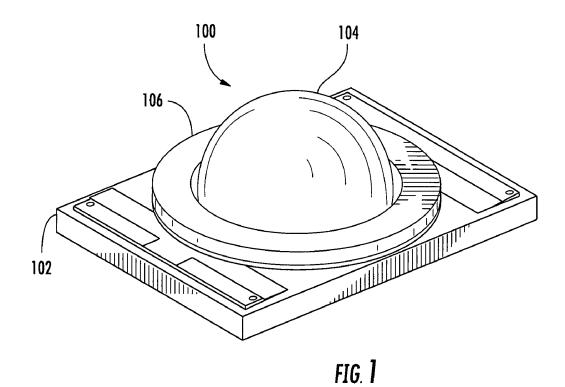


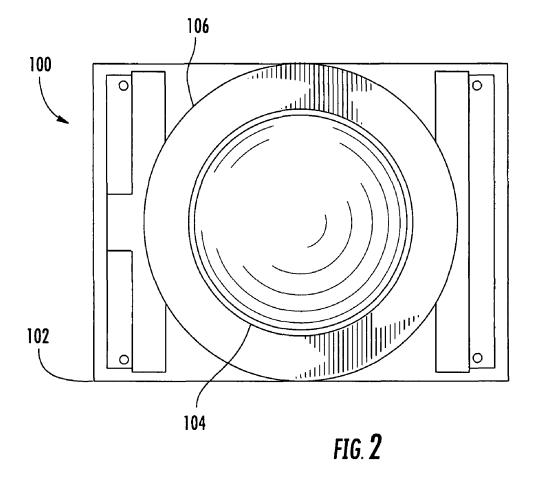
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Page 2

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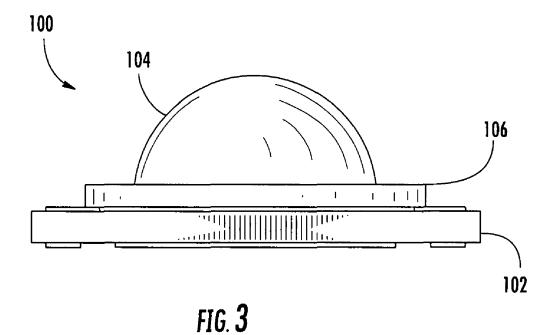








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