



US 20050218421A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2005/0218421 A1**
Andrews et al. (43) **Pub. Date: Oct. 6, 2005**

(54) **METHODS FOR PACKAGING A LIGHT
EMITTING DEVICE AND PACKAGED
LIGHT EMITTING DEVICES**

Related U.S. Application Data

(60) Provisional application No. 60/557,924, filed on Mar. 31, 2004.

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Publication Classification

(51) **Int. Cl.**⁷ **H01L 29/22**
(52) **U.S. Cl.** **257/100**

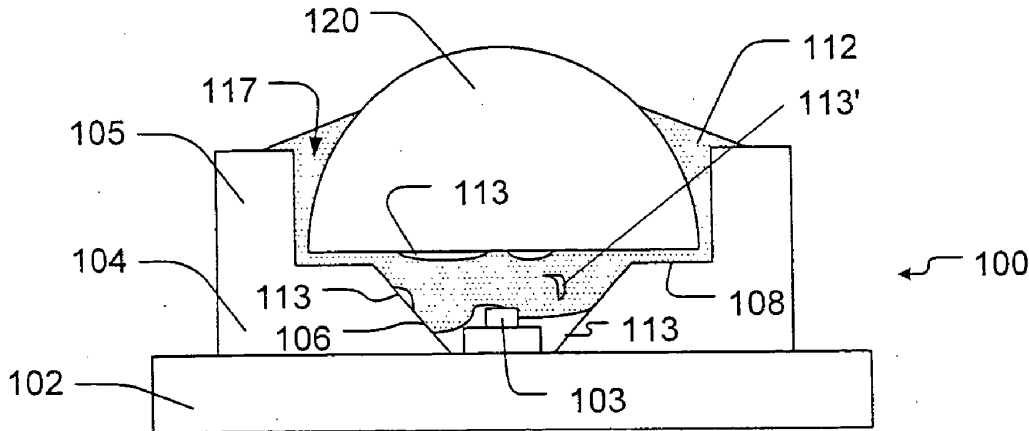
(57) **ABSTRACT**

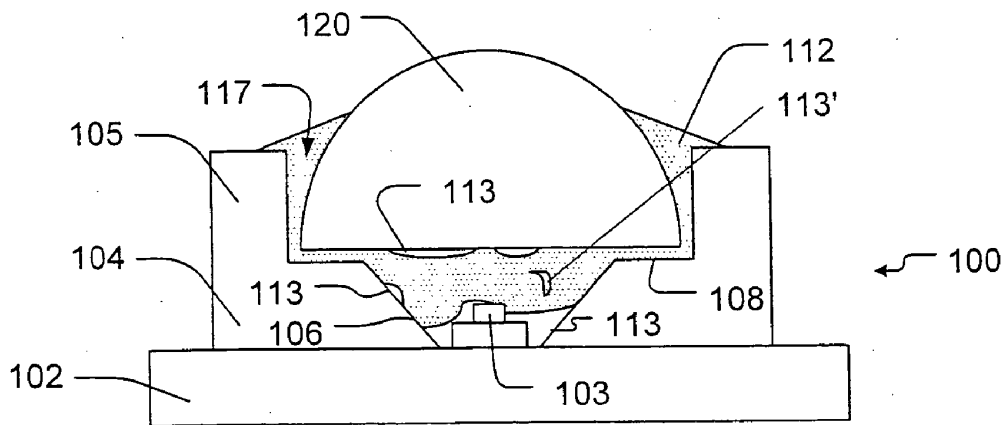
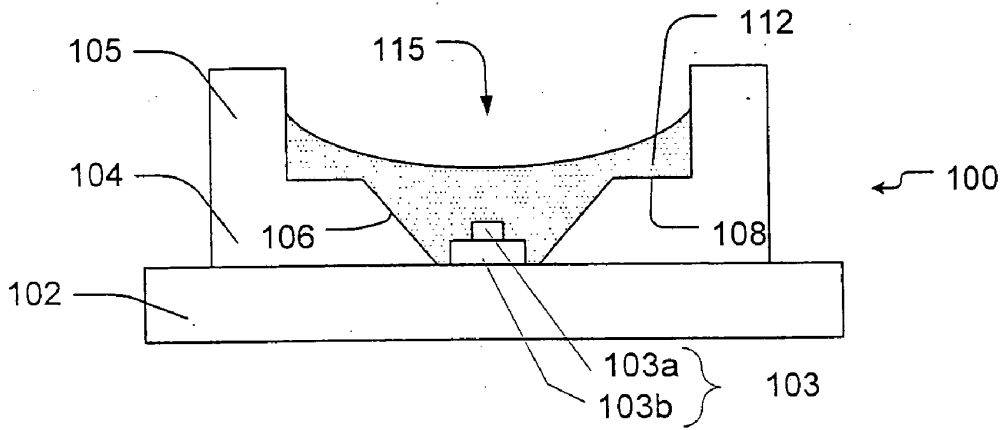
Methods of packaging a semiconductor light emitting device positioned in a reflective cavity are provided. A first quantity of encapsulant material is dispensed into the reflective cavity including the light emitting device therein and the first quantity of encapsulant in the reflective cavity is cured. A second quantity of encapsulant material is dispensed onto the cured first quantity of encapsulant material. A lens is positioned in the reflective cavity on the dispensed second quantity of encapsulant material. The dispensed second quantity of encapsulant material is cured to attach the lens in the reflective cavity.

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(21) Appl. No.: **11/044,126**

(22) Filed: **Jan. 27, 2005**





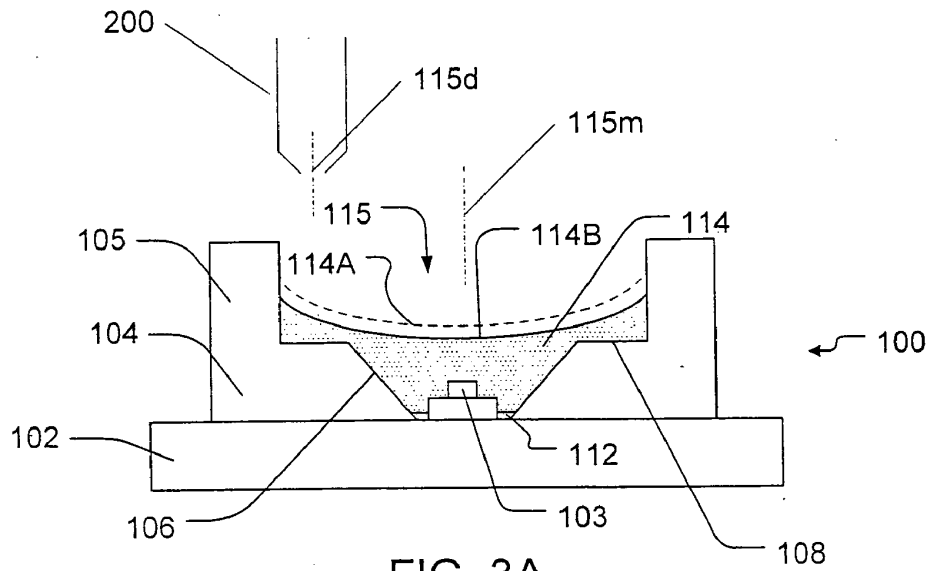


FIG. 3A

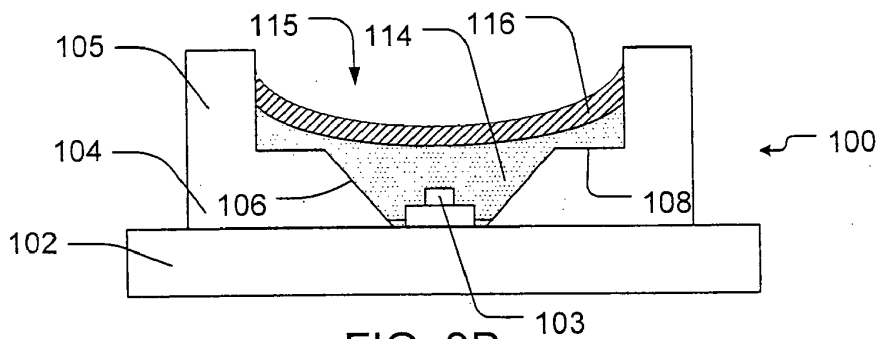


FIG. 3B

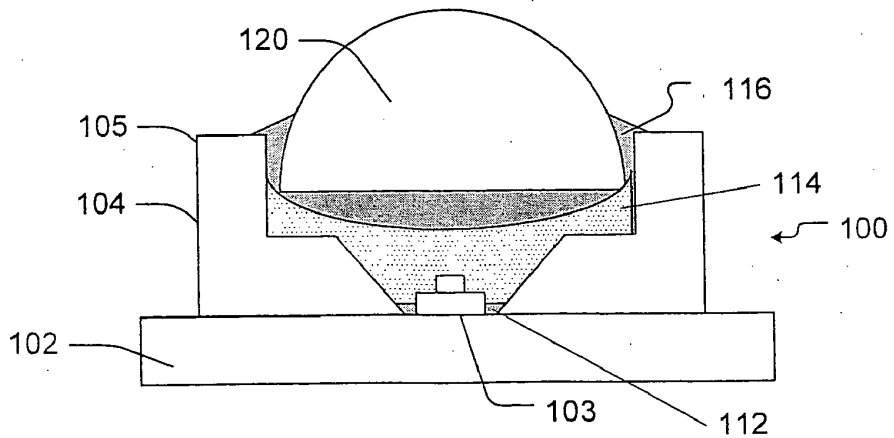


FIG. 3C

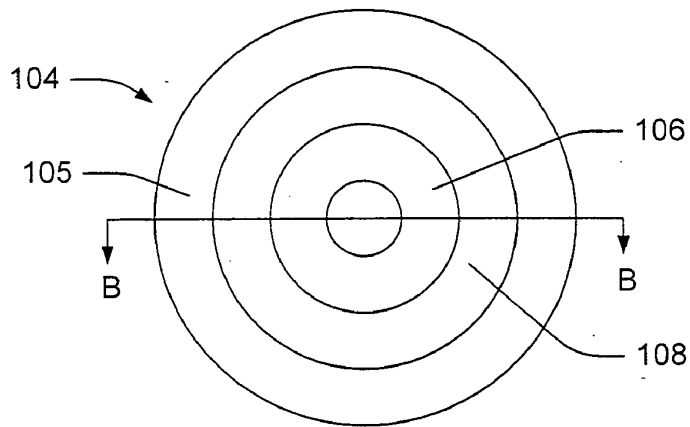


FIG. 4A

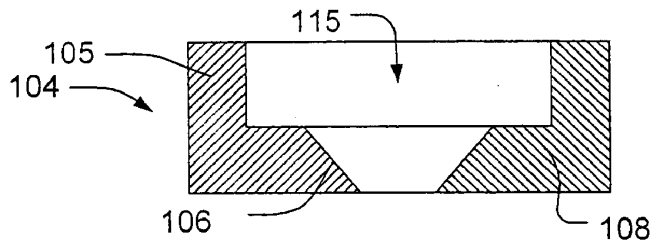


FIG. 4B

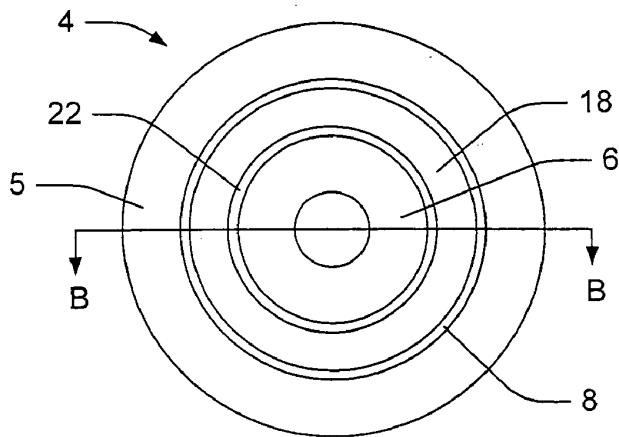


FIG. 5A

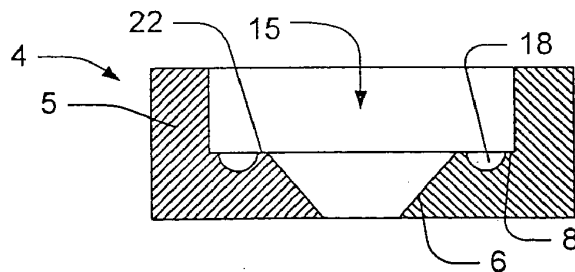


FIG. 5B

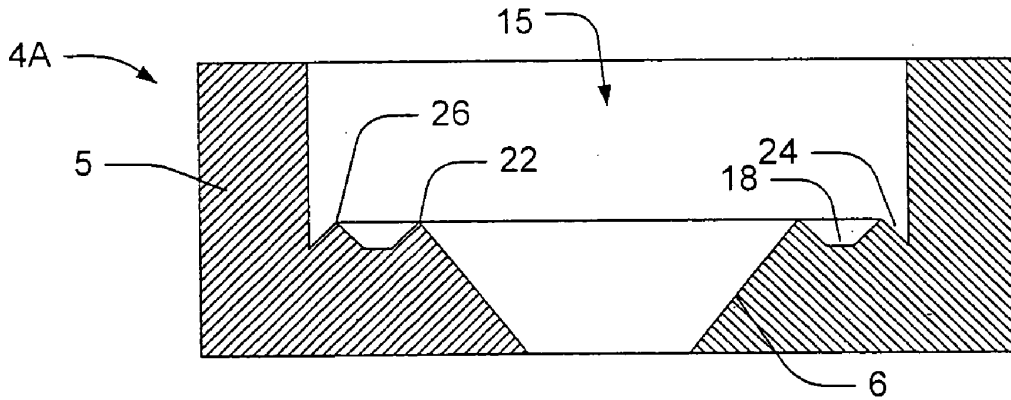


FIG. 6

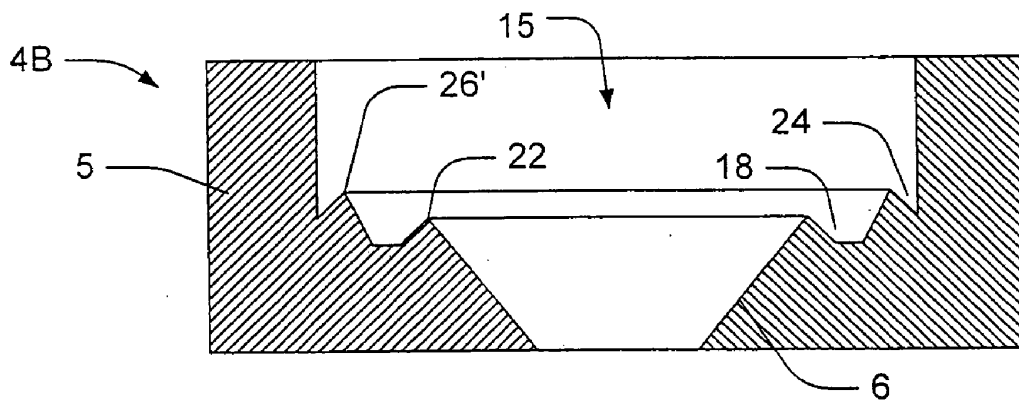


FIG. 7

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