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(54) **LEADFRAME-BASED PACKAGES FOR SOLID STATE LIGHT EMITTING DEVICES AND METHODS OF FORMING LEADFRAME-BASED PACKAGES FOR SOLID STATE LIGHT EMITTING DEVICES**

(76) Inventors: **Ban P. Loh**, Durham, NC (US);
    Nicholas W. Medendorp JR., Raleigh,
    NC (US); **Eric Tarsa**, Goleta, CA (US);
    Bernd Keller, Santa Barbara, CA (US)

Correspondence Address:
MYERS BIGEL SIBLEY & SAJOVEC, P.A.
P.O. BOX 37428
RALEIGH, NC 27627 (US)

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(57) **ABSTRACT**

A modular package for a light emitting device includes a leadframe including a first region having a top surface, a bottom surface and a first thickness and a second region having a top surface, a bottom surface and a second thickness that is less than the first thickness. The leadframe further includes an electrical lead extending laterally away from the second region, and the package further includes a thermoset package body on the leadframe and surrounding the first region. The thermoset package body may be on both the top and bottom surfaces of the second region. A leak barrier may be on the leadframe, and the package body may be on the leak barrier. Methods of forming modular packages including thermoset package bodies on leadframes are also disclosed.
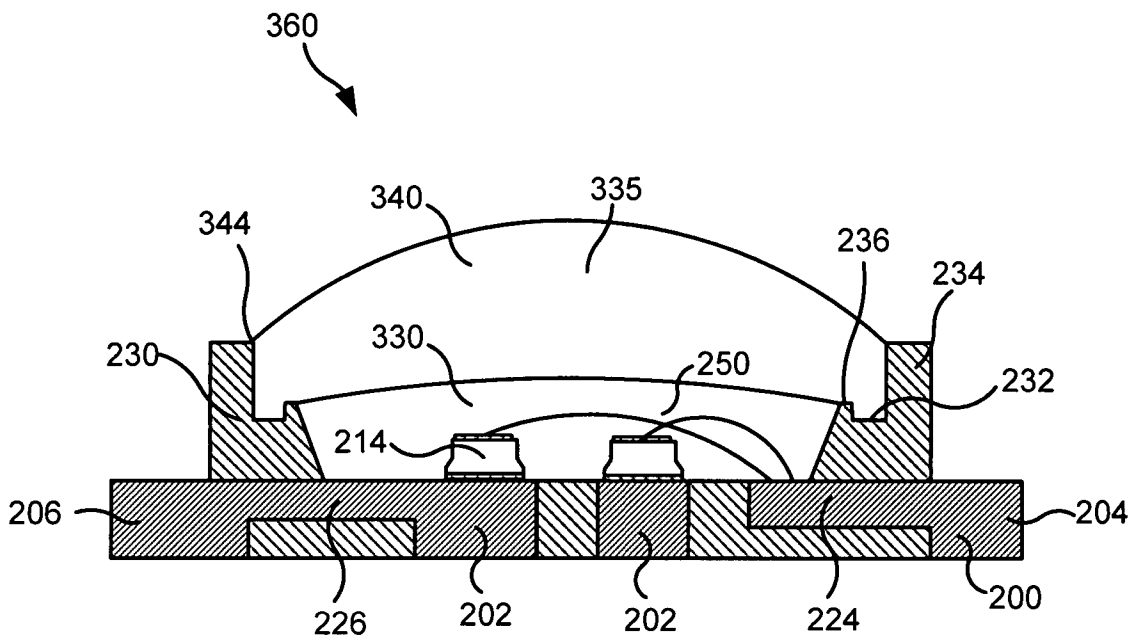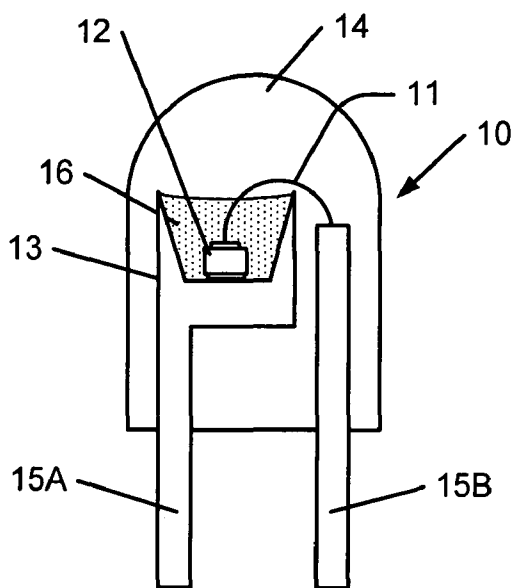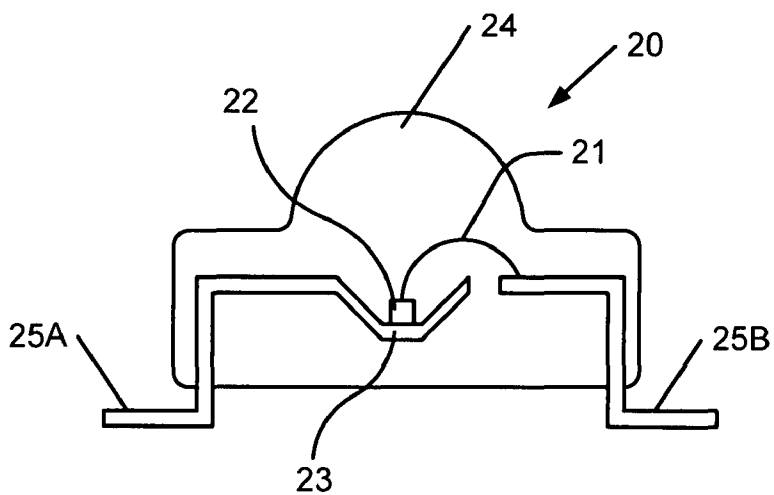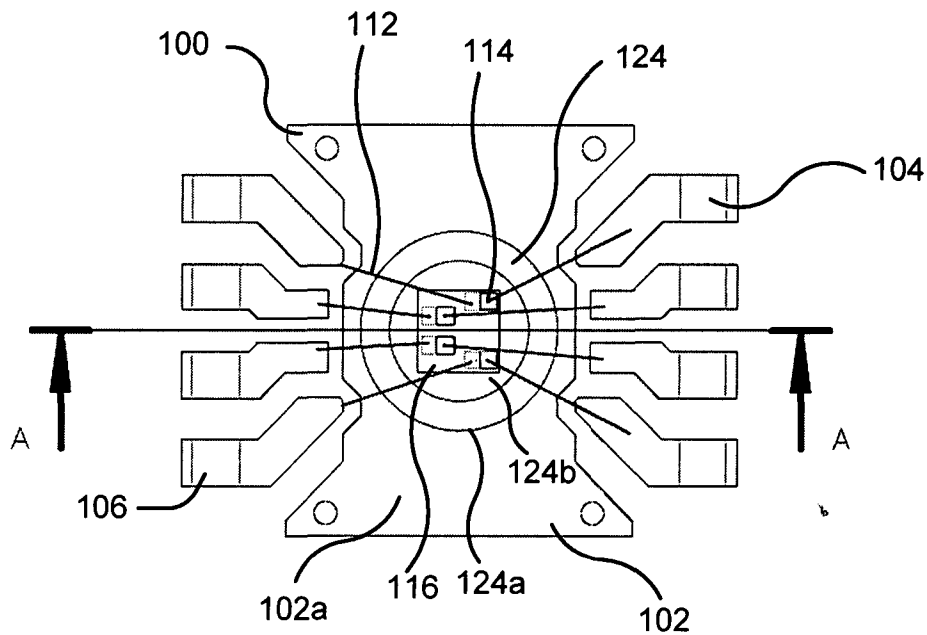
FIG. 1A
PRIOR ART

FIGURE 1B
PRIOR ART

FIGURE 2A
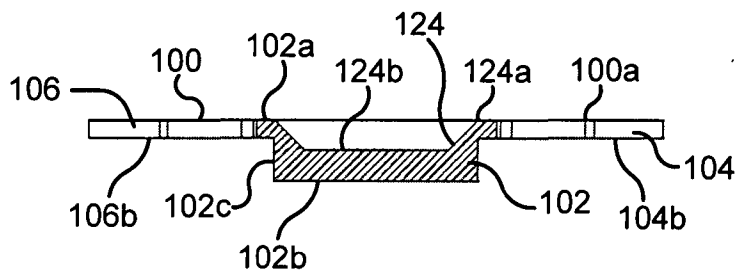
FIGURE 2B
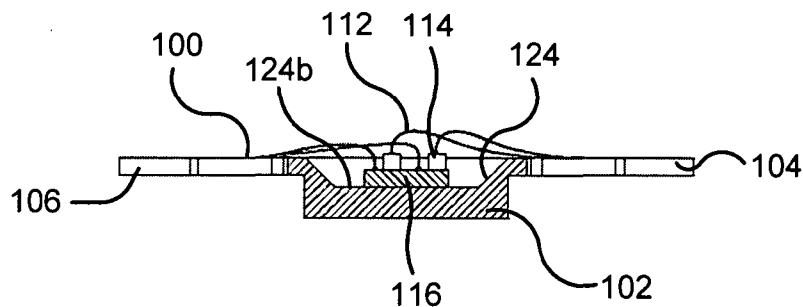
FIGURE 2C
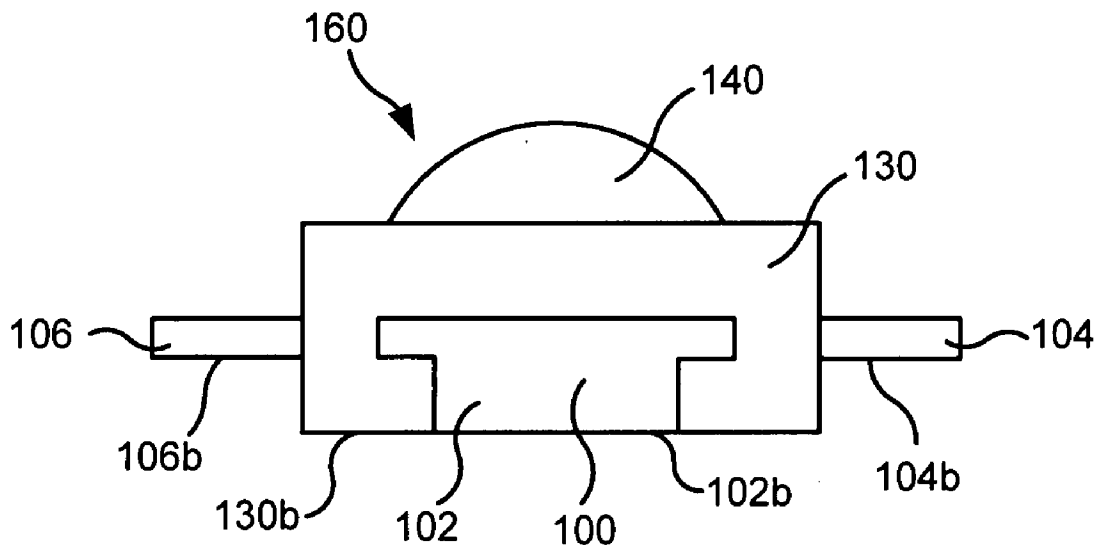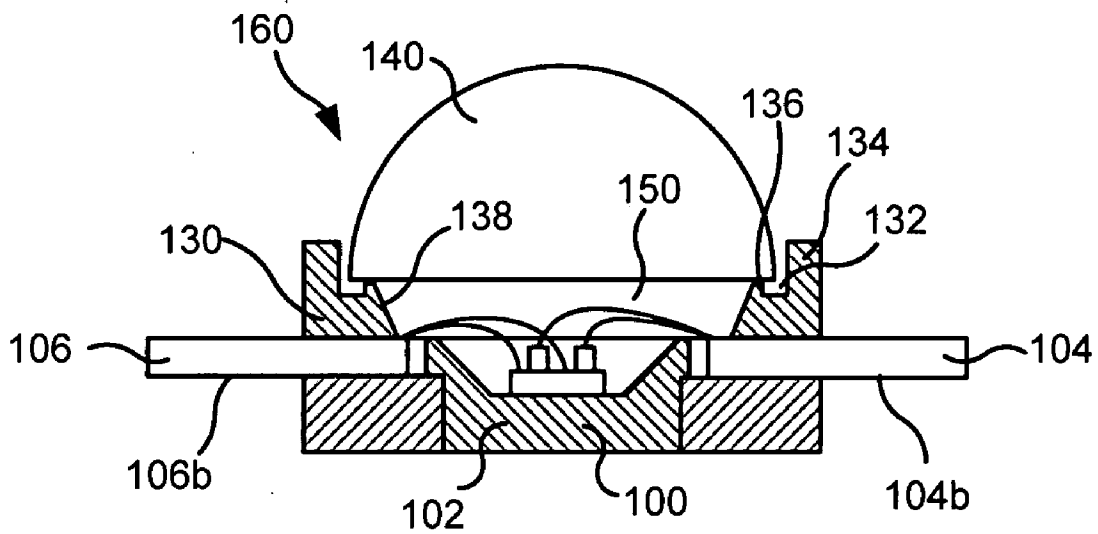
FIGURE 3A

FIGURE 3B

FIGURE 4A

FIGURE 4B

DOCKET ALARM
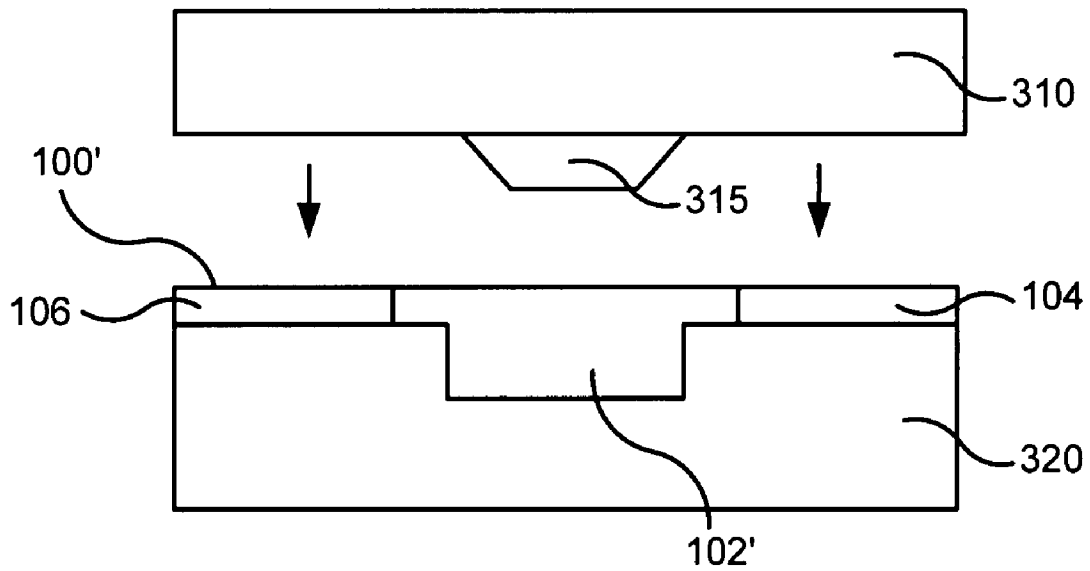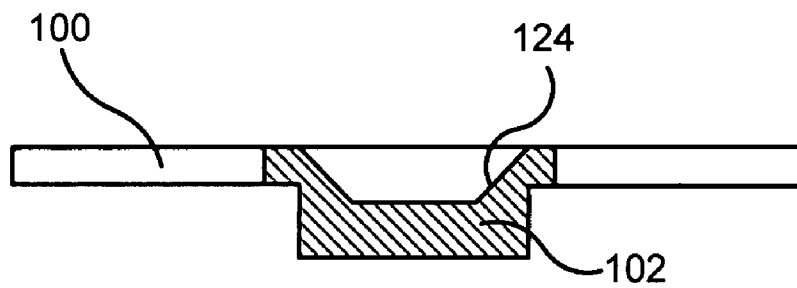
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