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(54) **HIGH POWER LED**

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(76) **Inventors: Thomas J. Barnett**, Columbus, OH (US); **Sean P. Tillinghast**, Bexley, OH (US)

(57) **ABSTRACT**

Correspondence Address:
James R. Eley, Esq.
Thompson Hine LLP
Suite 700
10 W. Broad St.
Columbus, OH 43215-3435 (US)

A method and system are taught for a system comprising an LED package. The LED package may comprise an anode, a cathode coupled to the anode, an LED die coupled to the cathode and the anode, a lens coupled to the anode, and a viscous or silicone material located in a cavity defined by the lens, the cathode, and the anode. The viscous or silicone material may be a gel, a grease, a non-resilient material, or a non-liquid material. The method and system may further comprise a mounting device, wherein the lens is mechanically coupled to the mounting device in a socket, bayonet, or screwing like fashion. The method and system may further comprise an anode strip comprising an array of anodes utilized to form an array of the LED packages and a carrier strip comprising receiving devices to receive the array of LED packages. A portion of the lens may either be coated with or comprise light excitable material or the viscous material may comprise light excitable material, such that the system emits white light.

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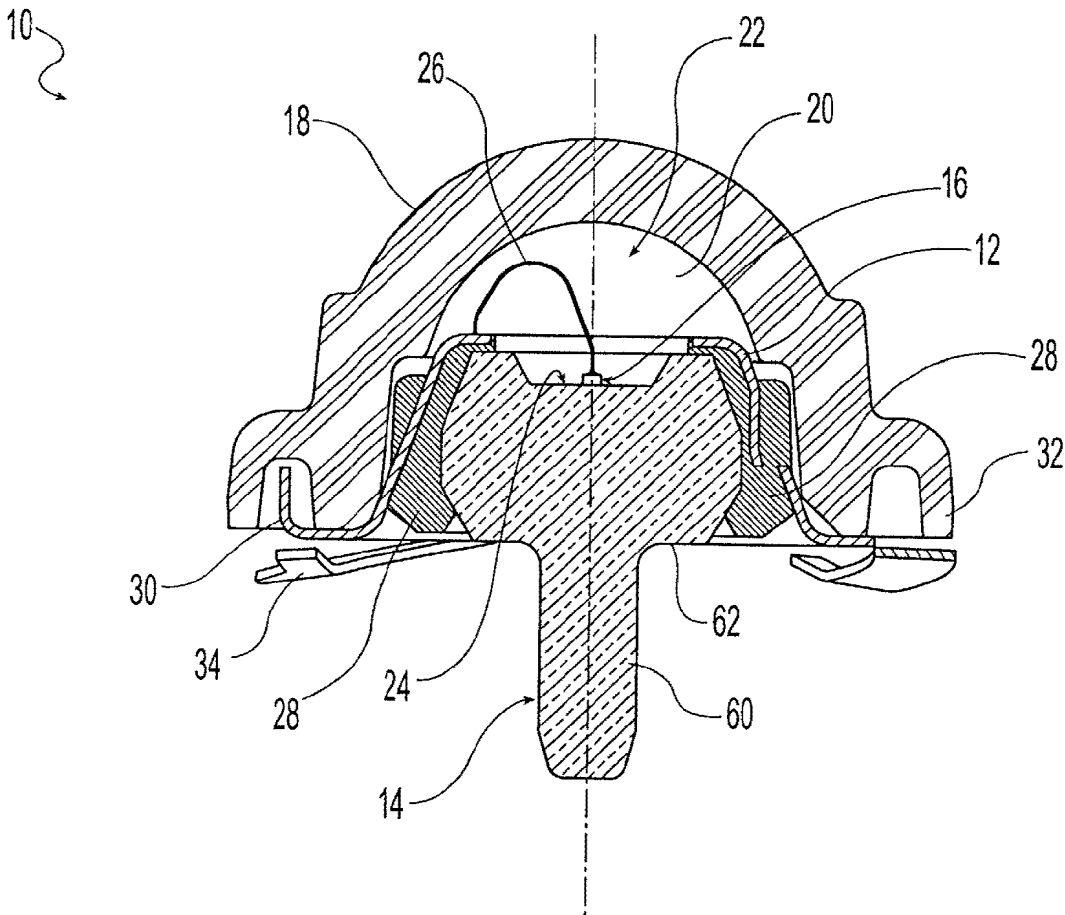
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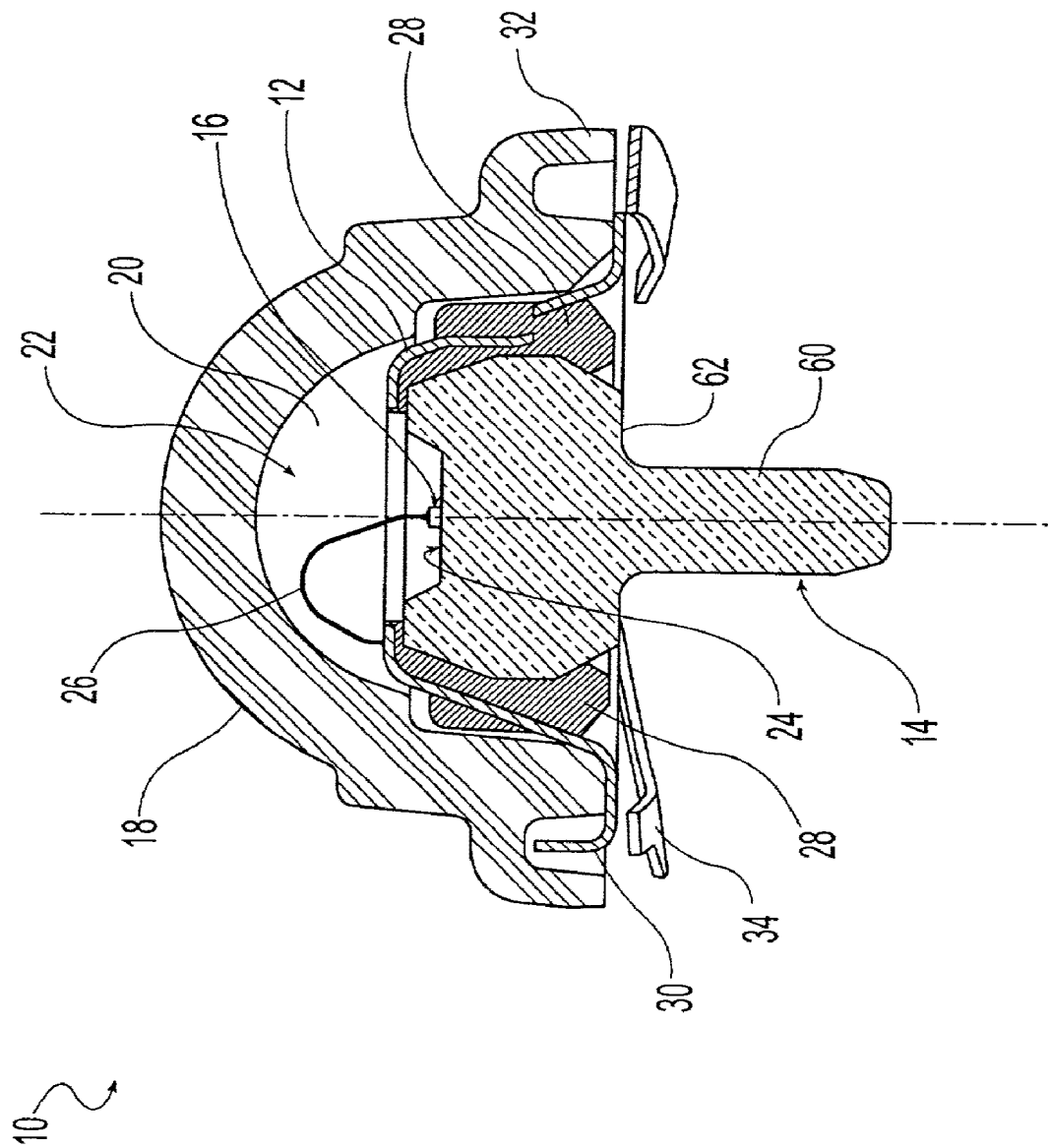


Fig. 1A

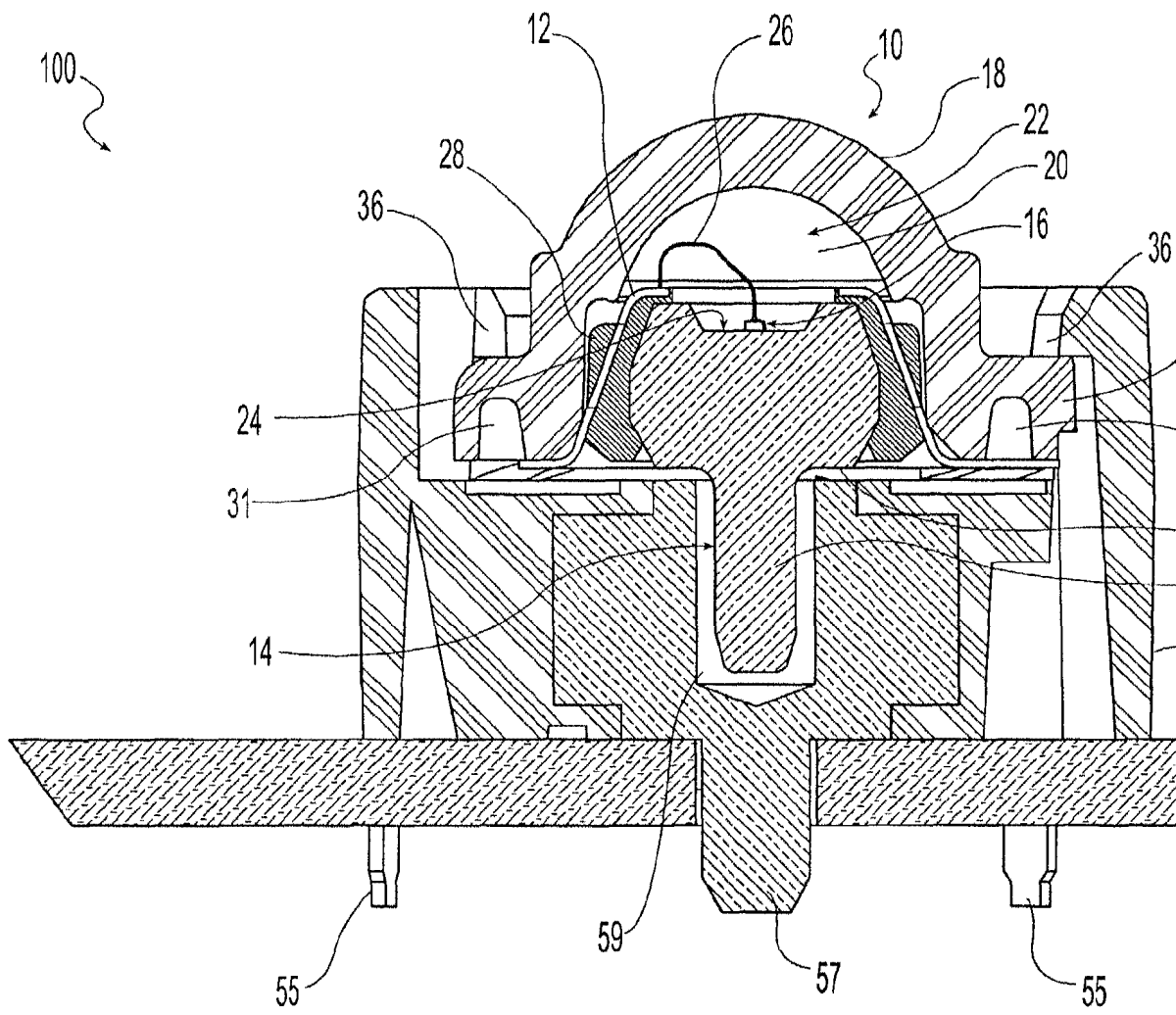


Fig. 1B

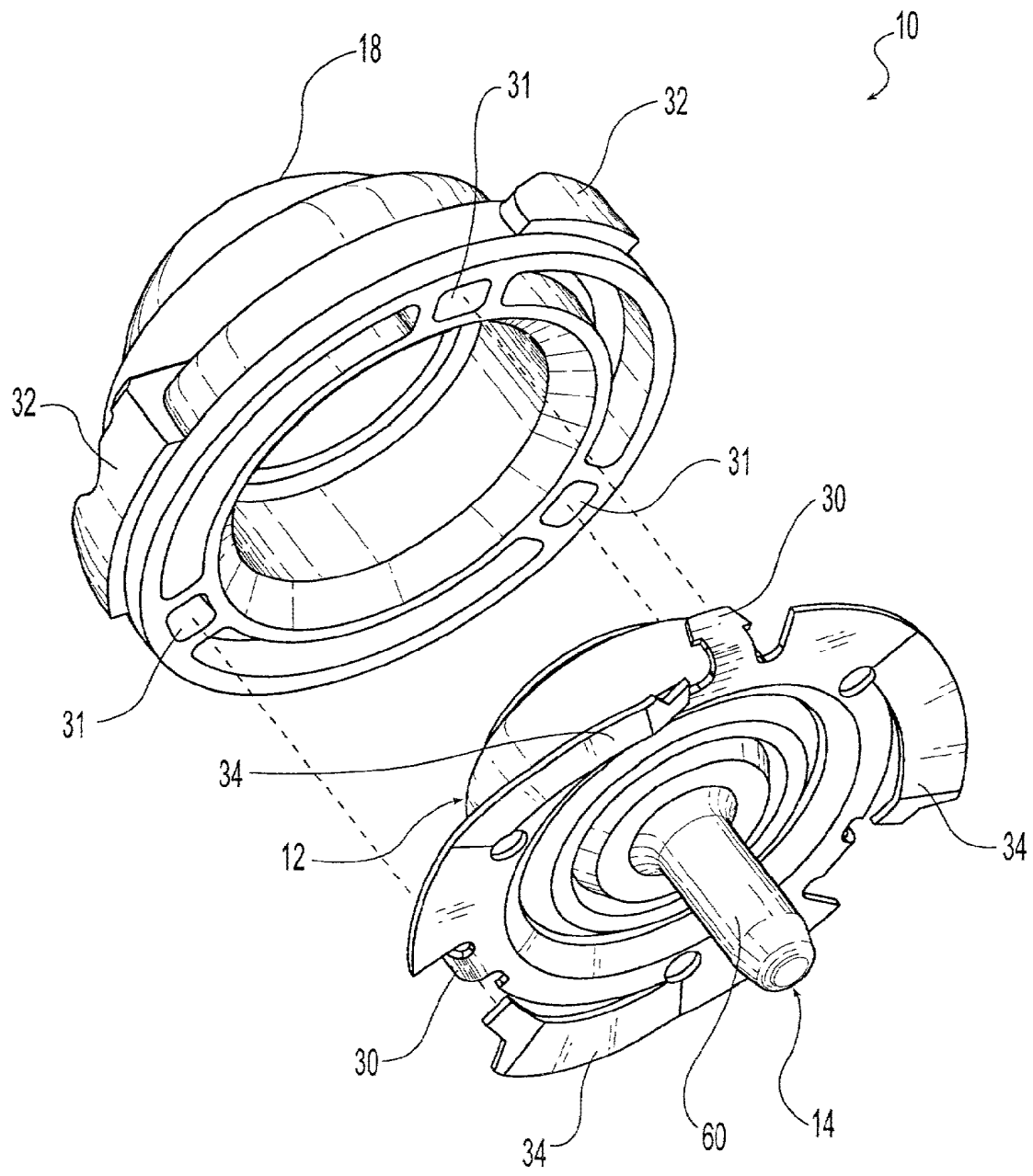


Fig. 2

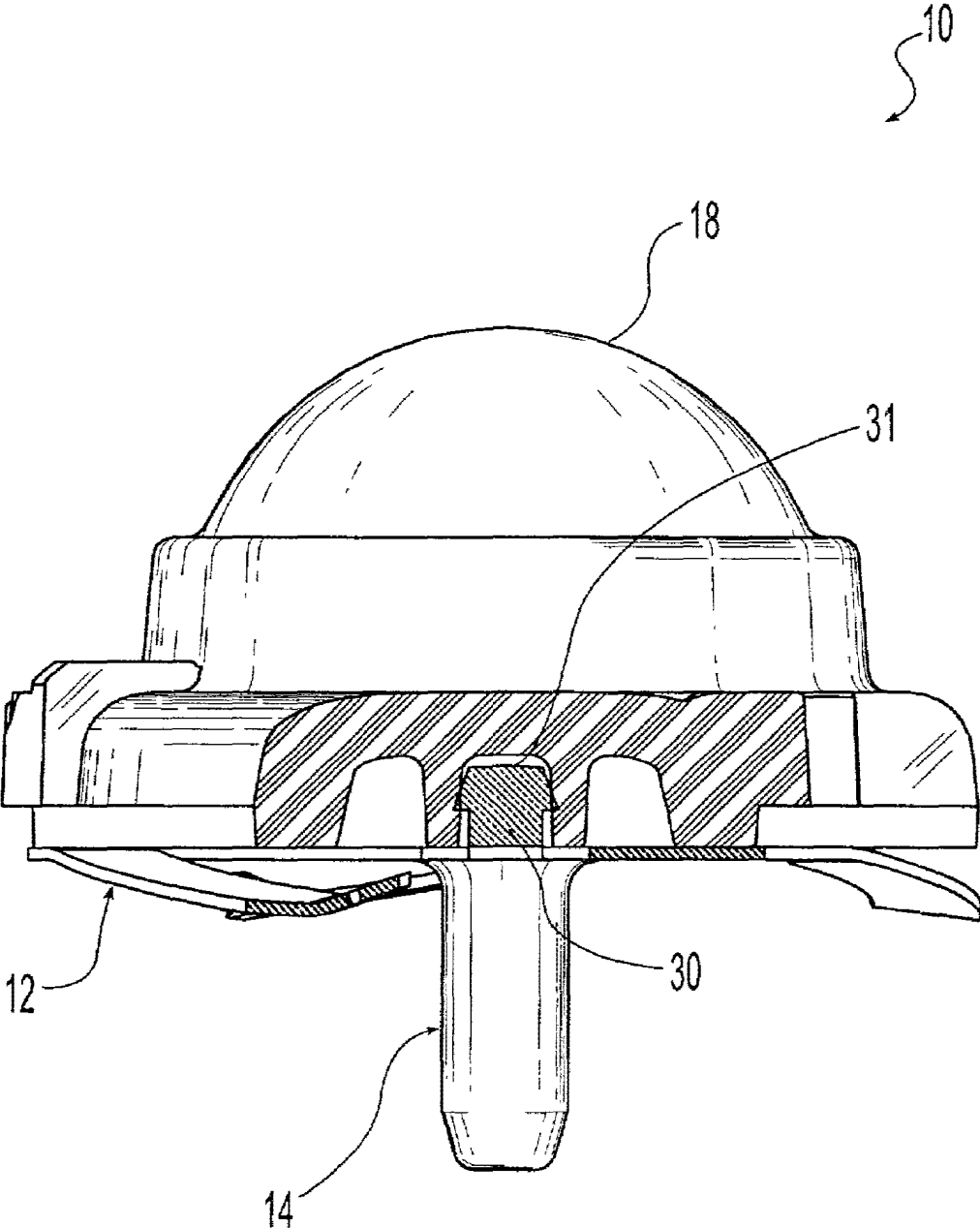


Fig. 3

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