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(54) **BACKLIGHT, A LENS FOR A BACKLIGHT,
AND A BACKLIGHT ASSEMBLY HAVING
THE SAME**

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- (52) **U.S. Cl.** **349/62; 362/235; 362/268; 362/361**

(57) **ABSTRACT**

A lens for a backlight, including: a light transmissive body including outer and inner surface areas, the outer surface area having a convex surface and a concave surface, the inner surface area having a convex surface and a concave surface, wherein the convex surface of the outer surface area has a curvature different from a curvature of the convex surface of the inner surface area and the concave surface of the outer surface area has a curvature different from a curvature of the concave surface of the inner surface area.

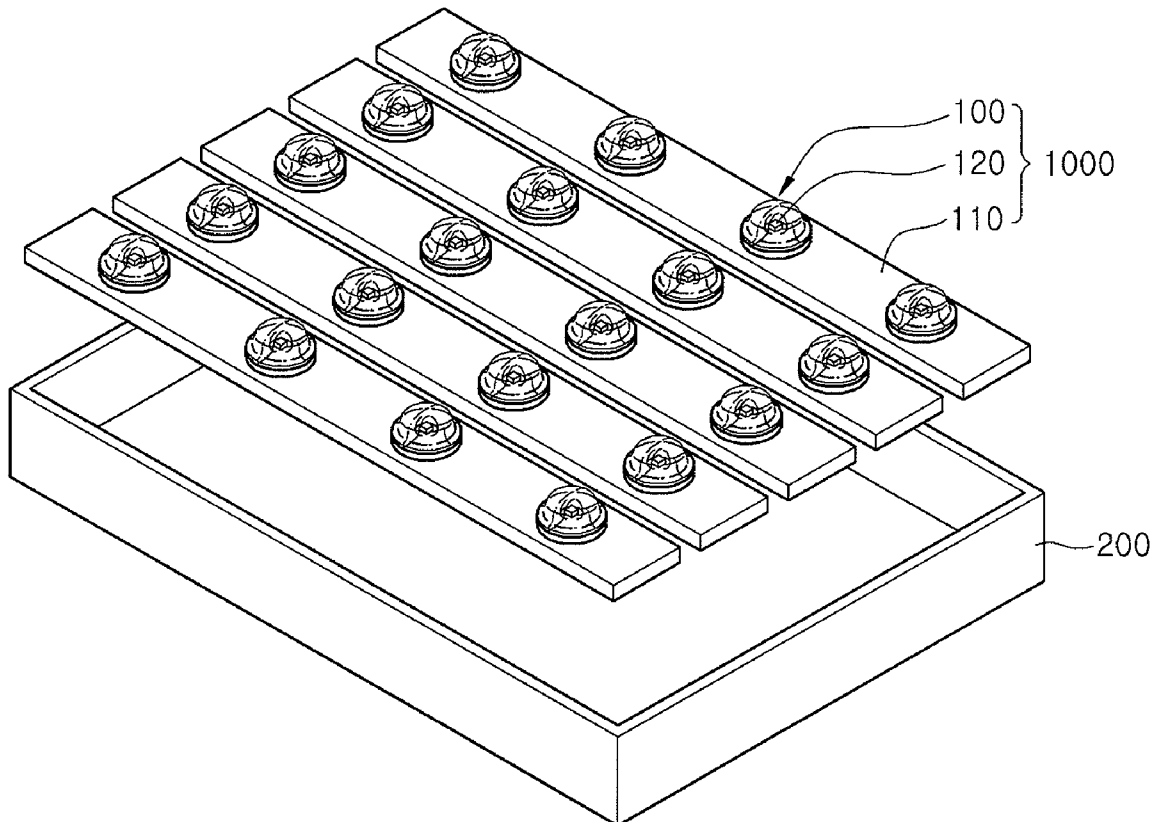


FIG. 1

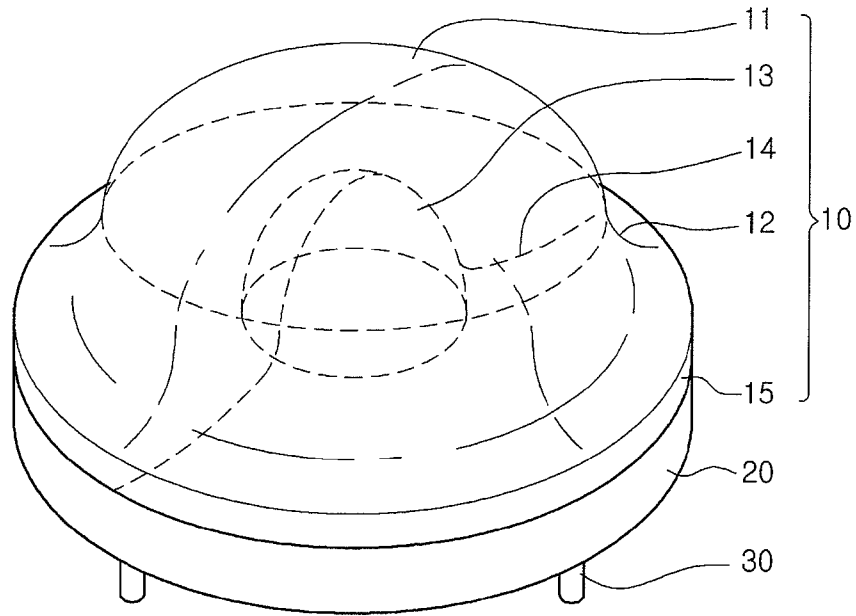


FIG. 2

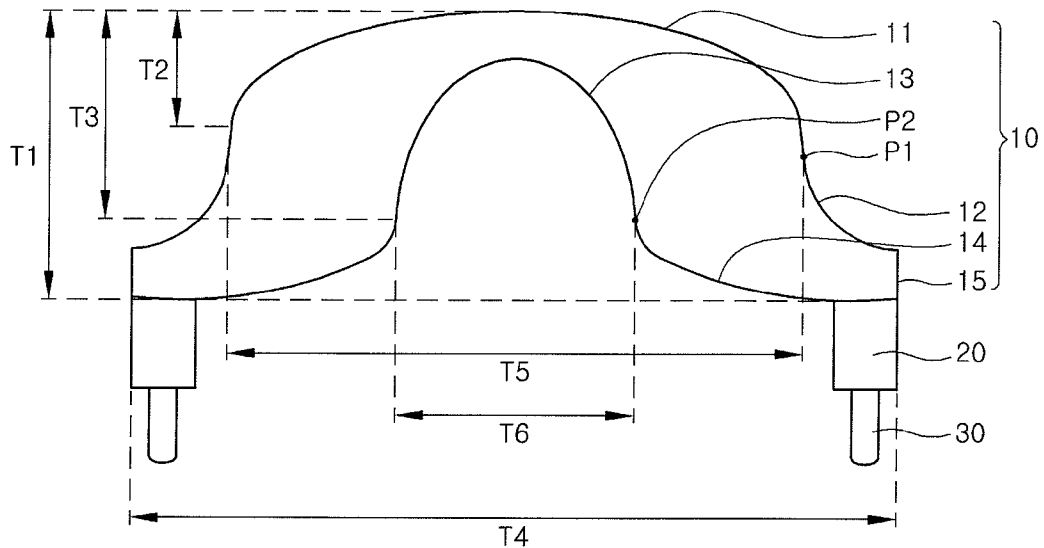


FIG. 3

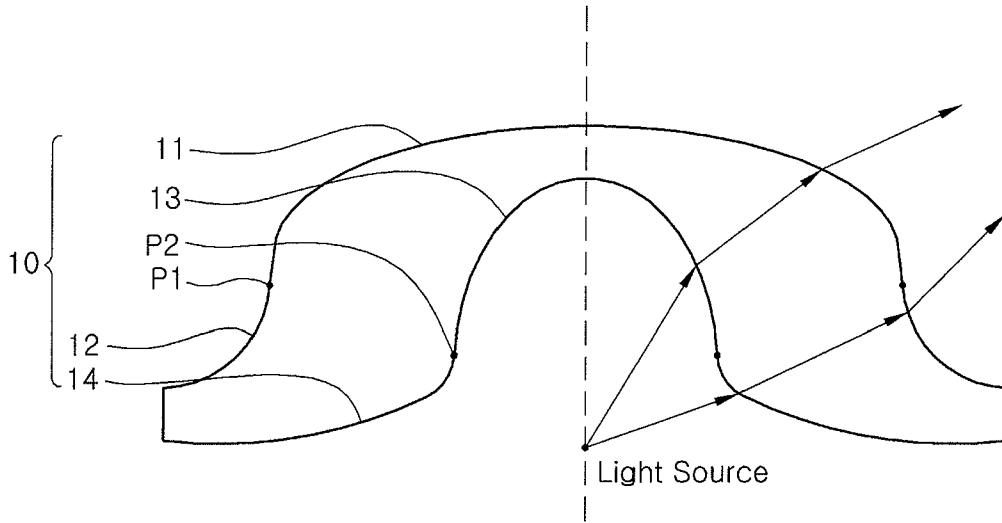


FIG. 4

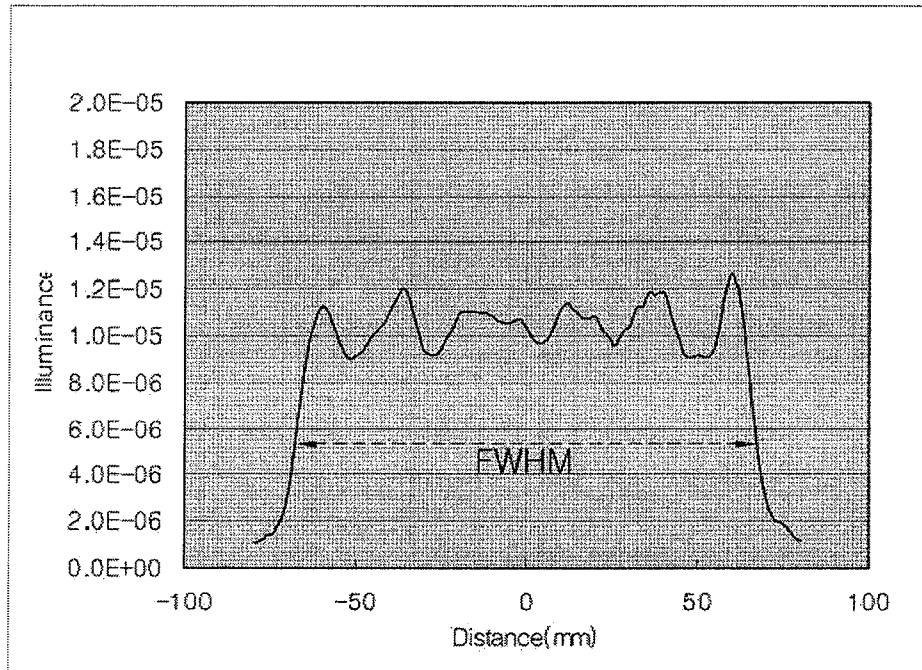


FIG. 5

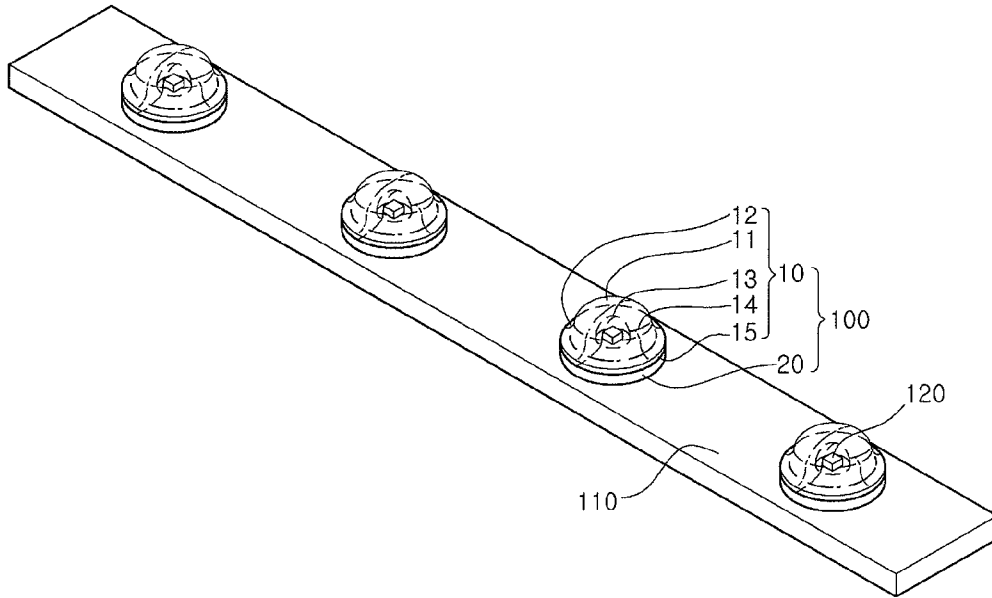


FIG. 6

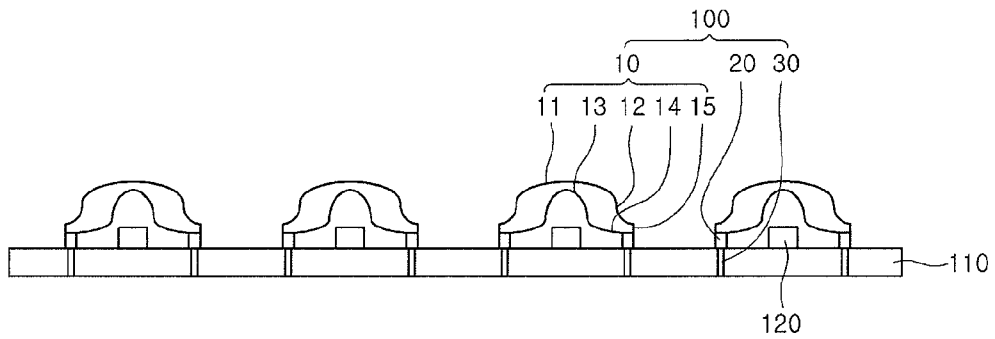


FIG. 7

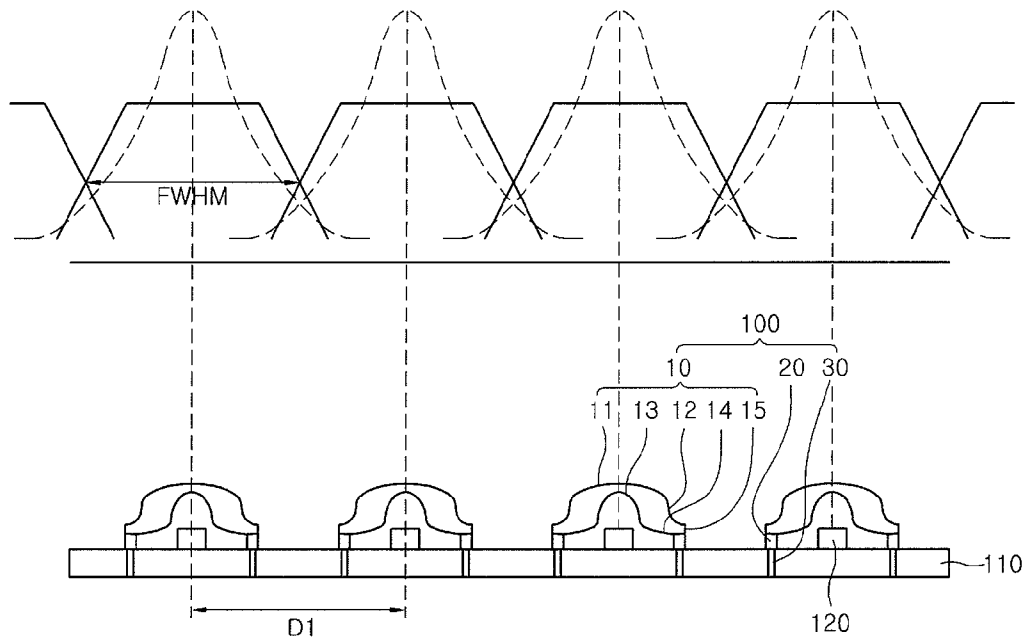
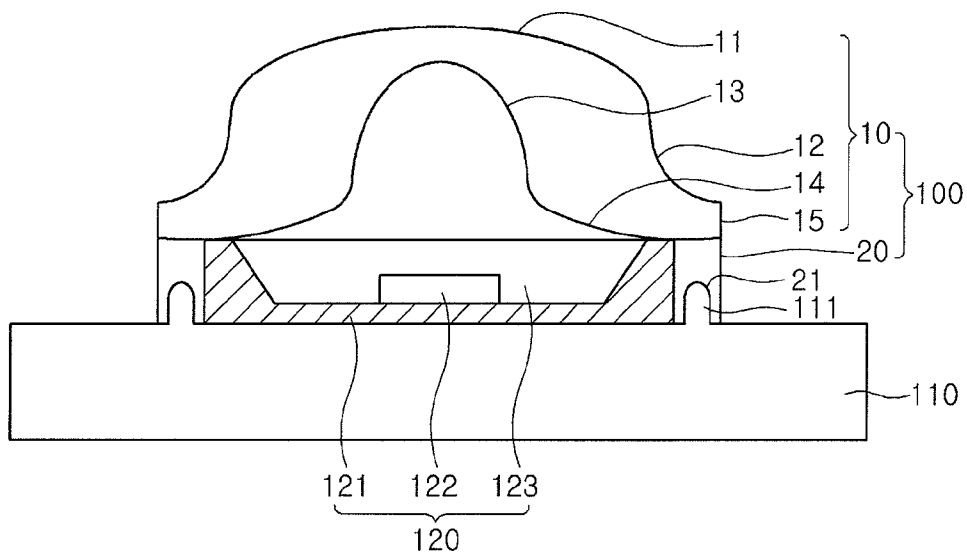


FIG. 8



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