



(12) **United States Patent**
Ichikawa et al.

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(54) **LIGHT EMITTING DEVICE, RESIN PACKAGE, RESIN-MOLDED BODY, AND METHODS FOR MANUFACTURING LIGHT EMITTING DEVICE, RESIN PACKAGE AND RESIN-MOLDED BODY**

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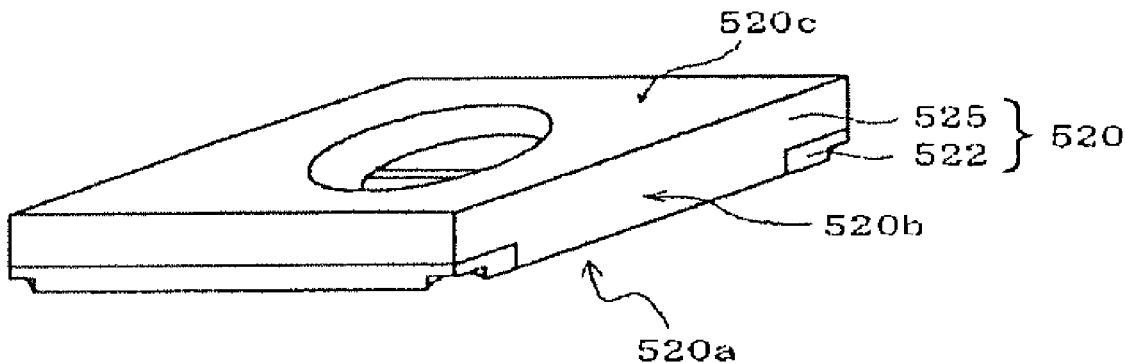
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(57) **ABSTRACT**

A method of manufacturing a light emitting device having a resin package which provides an optical reflectivity equal to or more than 70% at a wavelength between 350 nm and 800 nm after thermal curing, and in which a resin part and a lead are formed in a substantially same plane in an outer side surface, includes a step of sandwiching a lead frame provided with a notch part, by means of an upper mold and a lower mold, a step of transfer-molding a thermosetting resin containing a light reflecting material in a mold sandwiched by the upper mold and the lower mold to form a resin-

(Continued)



molded body in the lead frame and a step of cutting the resin-molded body and the lead frame along the notch part.

27 Claims, 13 Drawing Sheets

Related U.S. Application Data

continuation of application No. 13/969,182, filed on Aug. 16, 2013, now Pat. No. 9,287,476, which is a continuation of application No. 12/737,940, filed as application No. PCT/JP2009/004170 on Aug. 27, 2009, now Pat. No. 8,530,250.

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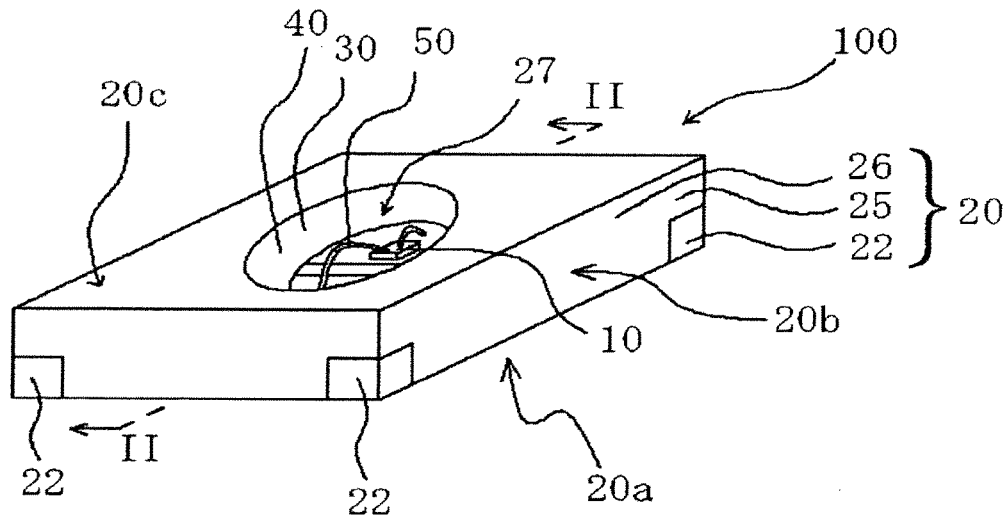
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Fig. 1



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