

**LIGHT-EMITTING DEVICE AND MANUFACTURING METHOD THEREOF AND
MANUFACTURING METHOD OF LIGHT-EMITTING APPARATUS**

ABSTRACT OF THE INVENTION

A light-emitting device, including a first type semiconductor layer, a patterned insulating layer, a light-emitting layer, and a second type semiconductor layer, is provided. The patterned insulating layer covers the first type semiconductor layer and has a plurality of insulating openings. The insulating openings are separated from each other. The light-emitting layer is located in the plurality of insulating openings and covers a portion of the first type semiconductor layer. The second type semiconductor layer is located on the light-emitting layer.

Fig. 1G