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(54) **LIGHT EMITTING DEVICE AND DISPLAY**

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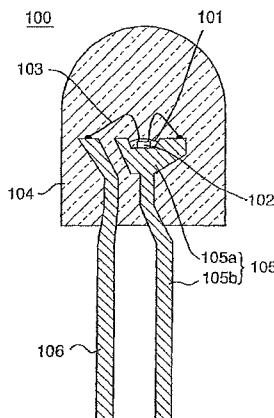
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(57) **ABSTRACT**

A method for manufacturing a light emitting device comprises: preparing a light emitting component having an active layer of a semiconductor, the active layer comprising a gallium nitride based semiconductor containing indium and being capable of emitting a blue color light; preparing a phosphor capable of absorbing a part of the blue color light emitted from the light emitting component and emitting a yellow color light, wherein selection of the phosphor is controlled based on an emission wavelength of the light emitting component; and combining the light emitting component and the phosphor so that the blue color light from the light emitting component and the yellow color light from the phosphor are mixed to make a white color light.

19 Claims, 19 Drawing Sheets



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Fig. 1

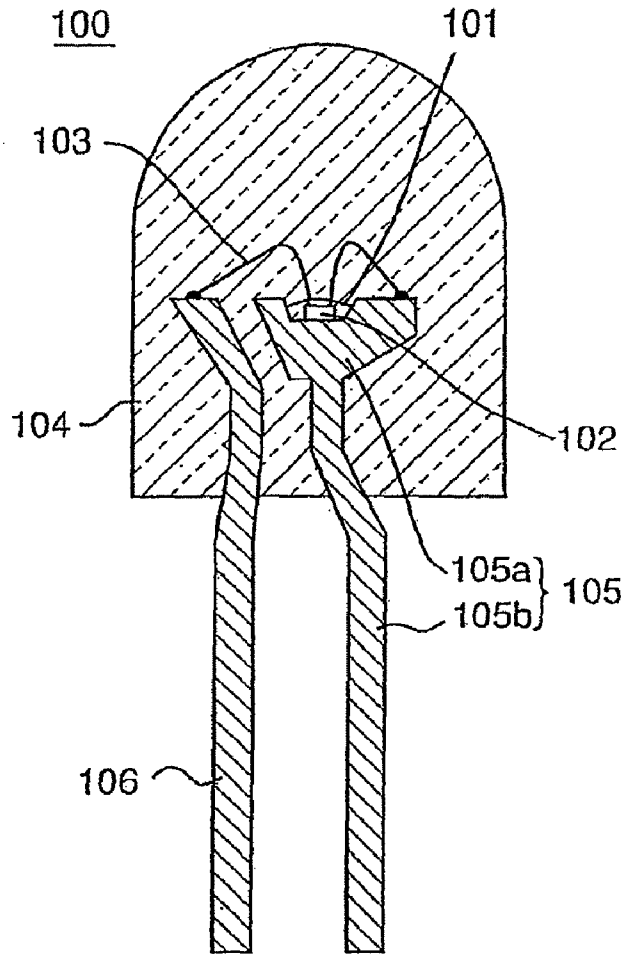
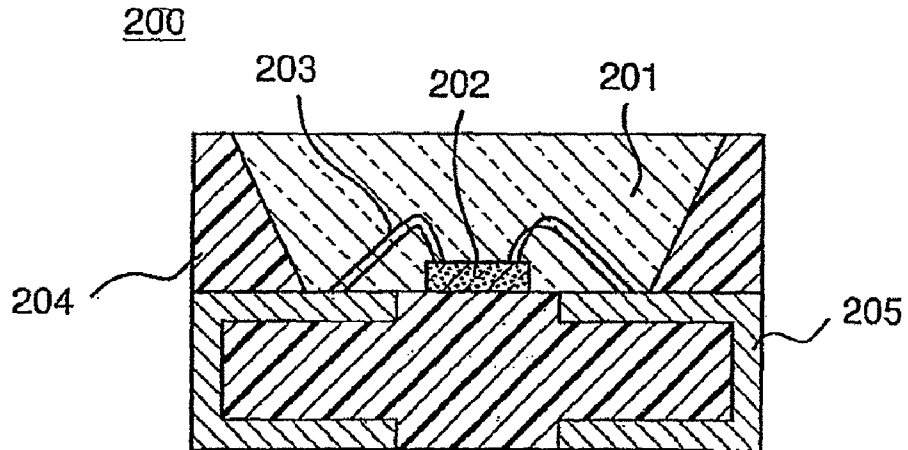


Fig. 2



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