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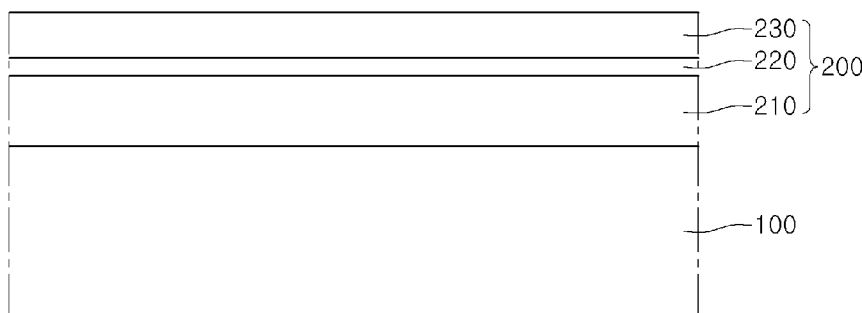
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(54) Title: LIGHT EMITTING DEVICE AND METHOD FOR FABRICATING THE SAME

[Fig. 1]



(57) Abstract: Disclosed is a light emitting device. The light emitting device comprises a light emitting semiconductor layer comprising a first conductive semiconductor layer, an active layer and a second conductive semiconductor layer, a second electrode layer supporting the light emitting semiconductor layer while surrounding the light emitting semiconductor layer, and a first passivation layer between a side of the light emitting semiconductor layer and the second electrode layer.



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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/KR2008/005839****A. CLASSIFICATION OF SUBJECT MATTER****H01L 33/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC8 H01L 33/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975  
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO internal): vertical, electrode, passivation

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                  | Relevant to claim No. |
|-----------|---|-----------------------|
| X         | KR 10-0640496 B1 (SAMSUNG ELECTRO-MECHANICS CO., LTD.) 24 October 2006<br>See abstract and figure 2 | 1-6 ,9, 10, 19        |
| A         |   | 7, 8, 11-18, 20       |
| A         | KR 10-0617873 B1 (LG ELECTRONICS INC. et al.) 22 August 2006<br>See claim 5 and figure 3            | 1-20                  |
| A         | JP 19-200995 A (ROHM CO., LTD.) 09 August 2007<br>See abstract and figure 1                         | 1-20                  |
| A         | KR 10-2007-0056585 A (EPIVALLEY CO., LTD.) 04 June 2007<br>See abstract and figure 5                | 1-20                  |

 Further documents are listed in the continuation of Box C. See patent family annex.

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Information on patent family members

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| Patent document cited in search report | Publication date | Patent family member(s)                                 | Publication date                       |
|--|------------------|---|--|
| KR 10-0640496 B1                       | 24.10.2006       | JP 2007-142368 A<br>US 7372078 B2<br>US 2007-0114552 A1 | 07.06.2007<br>13.05.2008<br>24.05.2007 |
| KR 10-0617873 B1                       | 22.08.2006       | None  |  |
| JP 2007-200995 A                       | 09.08.2007       | KR 10-2008-0087135 A<br>WO 2007-086366 A1               | 30.09.2008<br>02.08.2007               |
| KR 10-2007-0056585 A                   | 04.06.2007       | None  |  |