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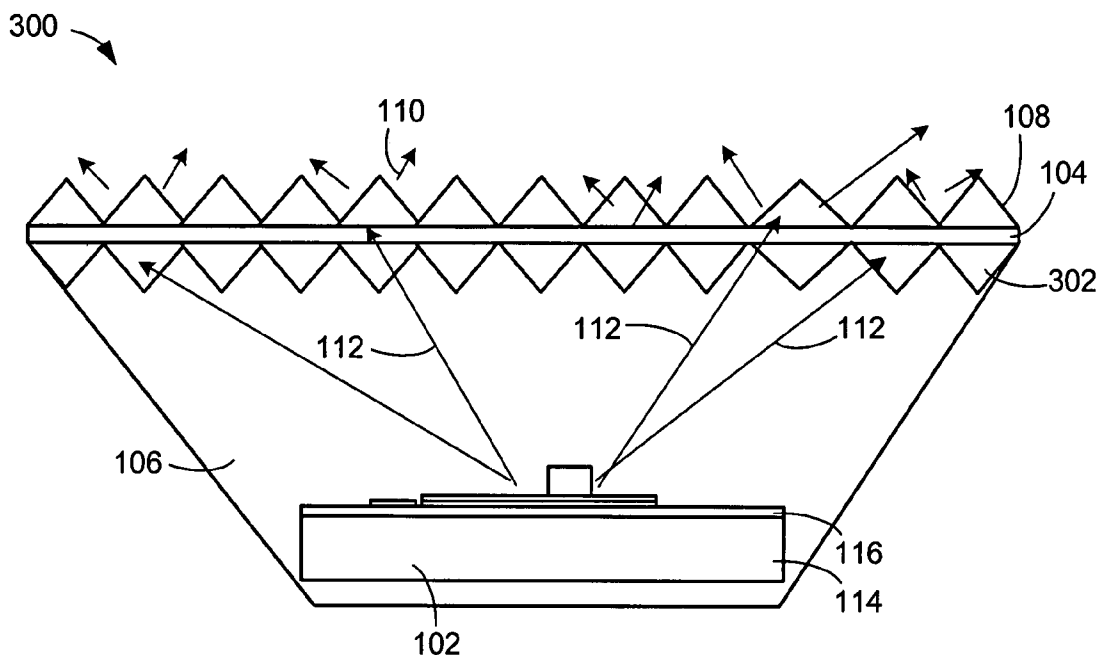
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[Continued on next page]

(54) Title: TEXTURED PHOSPHOR CONVERSION LAYER LIGHT EMITTING DIODE



(57) Abstract: This invention is related to LED Light Extraction for optoelectronic applications. More particularly the invention relates to (Al, Ga, In)N combined with optimized optics and phosphor layer for highly efficient (Al, Ga, In)N based light emitting diodes applications, and its fabrication method. A further extension is the general combination of a shaped high refractive index light extraction material combined with a shaped optical element.

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A. CLASSIFICATION OF SUBJECT MATTER
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USPC - 372/43.01
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)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2002/0085601 A1 (WANG et al) 04 July 2002 (04.07.2002) entire document	1-5,10-11,14-17,19-20 --- 6-9,12-13,18
Y	US 6,515,308 B1 (KNEISSL et al) 04 February 2003 (04.02.2003) entire document	6-9,12-13,18
A	US 2006/0054905 A1 (SCHWACH et al) 16 March 2006 (16.03.2006) entire document	1-20
A	US 2007/0147072 A1 (SCOBBO et al) 28 June 2007 (28.06.2007) entire document	1-20

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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