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[Continued on next page]

(54) Title: SIGNAL LIGHT USING PHOSPHOR COATED LEDS

(57) Abstract: An improved signal light and method for making an improved signal light is disclosed. For example, the improved signal light includes a housing, at least one outer lens and at least one or more second type of light emitting diodes (LEDs) deployed in the housing. The at least one or more second type of LEDs includes a pump, a phosphor and a filter having a cutoff point less than or equal to 540 nanometers (nm). The at least one or more second type of LEDs also has a pump peak wavelength less than or equal to 430 nm and has a phosphor with a peak wavelength greater than 575 nm.

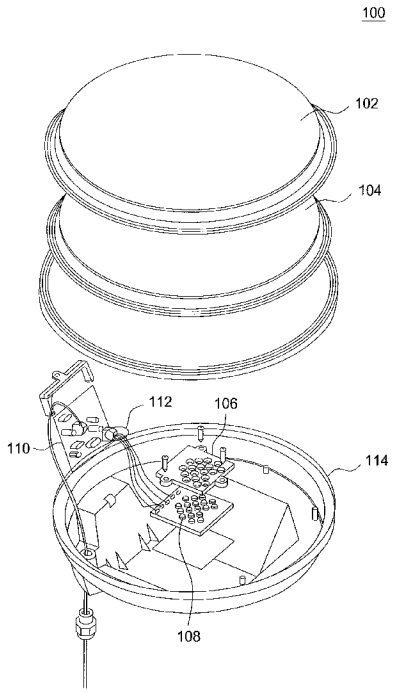


FIG. 1

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USPC - 257/13
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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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
USPTO EAST System (US, USPG-PUB, EPO, DERWENT), MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0164268 A1 (CURRAN et al) 19 July 2007 (19.07.2007) entire document	1-15
Y	US 2006/0028122 A1 (WANG et al) 09 February 2006 (09.02.2006) entire document	1-15
Y	US 2008/0048200 A1 (MUELLER et al) 28 February 2008 (28.02.2008) entire document	6, 7

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