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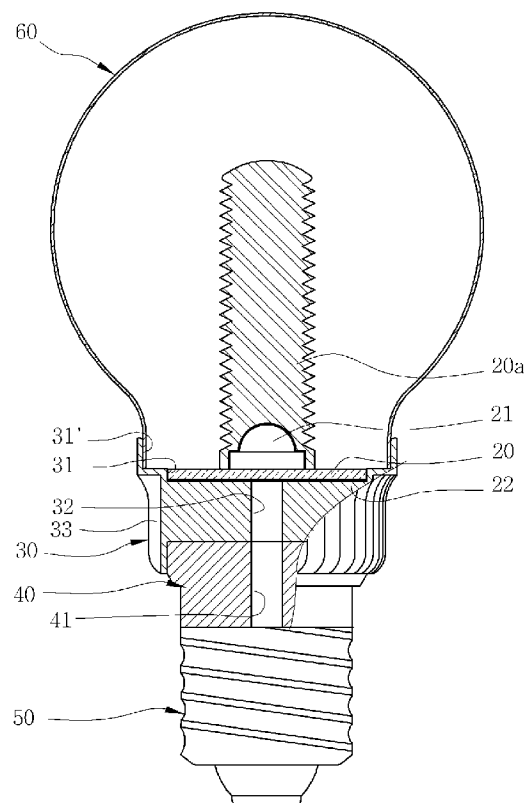
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[Continued on next page]

(54) Title: BULBTYPE LAMP WITH LIGHT EMITTING DIODES USING ALTERNATING CURRENT

[Fig. 2]



(57) Abstract: Provide is a bulb type AC power LED lamp. The bulb type AC power LED lamp includes an AC power LED board, a diffuser, a board base, an insulation base, a socket, and a bulb. The AC power LED board is in contact with the board base on which a heat sink is disposed to maximize heat emission efficiency during turn-on of the AC power LED. Also, light is diffused by the diffuser during turn-on of the AC power LED to prevent dazzling phenomenon as well as extend a lighting area.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2008/006365**A. CLASSIFICATION OF SUBJECT MATTER****F21S 2/00(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)

IPC 8 F21S 2/00, F21V 7/04, F21V 23/00

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(KPA, PAJ, FPD, USPATFULL) in KIPO & Keyword : LED, LIGHT, ILLUMINATOR, HEAT SINK

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 17-166578 A (HAMAI DENKYU KOGYO KK.) 23 June 2005	1-2
A	See abstract, paragraphs [0012]-[0014], Figures 3-4	3-9
A	JP 17-158746 A (LUMILEDS LIGHTING US LLC.) 16 June 2005	1-9
	See abstract, paragraphs [0013]-[0014], Figure 3	
A	US 6,709,132 B2 (KAZUO ISHIBASHI) 23 March 2004	1-9
	See abstract, col. 2, line 31- col. 2, line 44, Figure 1	
A	US 6,982,518 B2 (DER JEOU CHOU et al.) 3 January 2006	1-9
	See abstract, claim 1, Figure 2	

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

* Special categories of cited documents:

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"&" document member of the same patent family

Date of the actual completion of the international search

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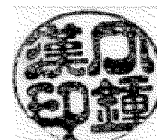
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Information on patent family members

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