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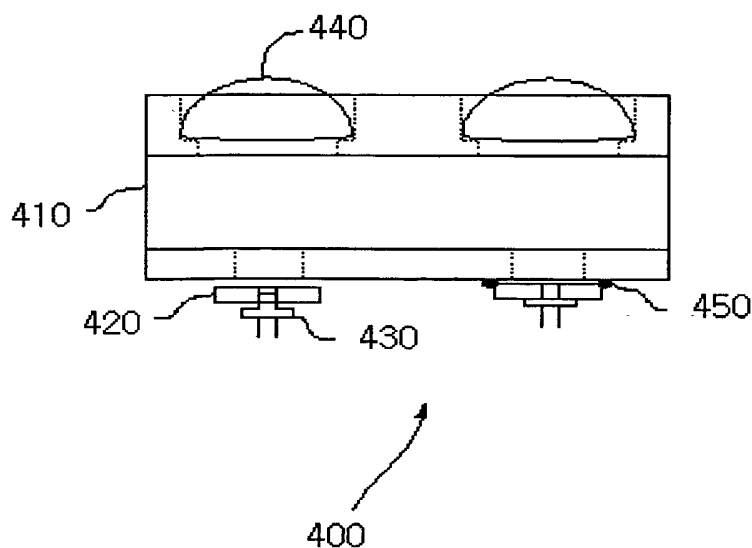
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(54) Title: PACKAGING METHOD AND APPARATUS FOR FABRICATION OF THE OPTICAL TRANSMITTER AND RECEIVER IN THE OPTICAL WIRELESS COMMUNICATION SYSTEM



(57) Abstract: Packaging method and device for fabrication of an optical transmitter and receiver in the optical wireless communication system, that there is no necessary for moving or arrangement of a laser diode, photo diode or/and lens of transmitter and receiver, are provided. So that the optical wireless transmitter, receiver and transceiver, which are standardized to have simple structure and uniform divergence angle due to fixing the laser diode, photo diode or/and lens, are provided. The method for fabrication of an optical transmitter and receiver in the present invention includes a step for moving the laser diode and photo diode against the lens in order to have a desirable divergence angle for the transmitter and maximum sensitivity for the receiver; and a step for fixing the lens, laser diode and photo diode.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/001076

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 G01B 9/02**

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)

IPC7 G01B, G02B, H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for Patents since 1975, Korean Utility models and applications for Utility models since 1975,
Japan 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)
APS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6118131 A (Astro Terra Co.) 12 SEP. 2000 see the whole documents.	6 ~ 8
X	US 2002/0126340 A1 (Evgeny Alexeevich Nikiforov) 12 SEP. 2002 see the whole document	17, 18, 21
X	JP 8-139675 A (VICTOR Co.) 31 MAY 1996 see the whole document	17, 18, 21
A	US 6493490 B1 (Terabeam Co.) 10 DEC. 2002 see the whole document	1 ~ 5

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☐ See patent family annex.

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