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(71) Applicant: **EMCORE CORPORATION** [US/US]; 145 Belmont Drive, Somerset, NJ 08873 (US).

(72) Inventors: **RATHNAM, Lakshman**; 208 Diablo Avenue, Mountain View, CA 94043 (US). **KRAUS, Herbert**; P.O. Box 6466, Orange, CA 92863-6466 (US). **BABIC, Dubravko**; P.O. Box 60861, Palo Alto, CA 94306 (US).

(74) Agents: **LIU, Michele** et al.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).

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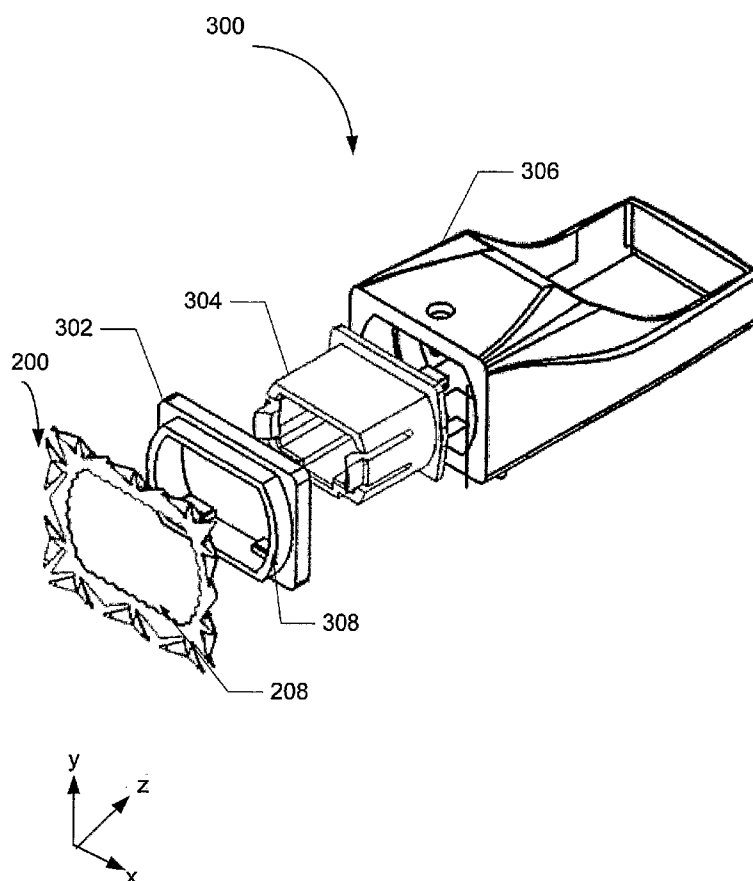
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EMBEDDED ELECTROMAGNETIC INTERFERENCE SHIELD



(57) Abstract: An improved electromagnetic interference shield (200) for a module (300) includes springs (202) in which the compression force pushes the springs (202) in a direction that is approximately parallel to the optic axis. The springs (202) allow significantly looser tolerances on the placement of the module (300) on its associated printed circuit board. The shield (200) also includes an opening near its center, the edge of which includes a plurality of teeth (206). When the shield (200) is placed onto the module (300), the teeth (206) bend along the negative optic axis direction and prevent the shield (200) from being pulled away from the module (300). Accidental removal of the shield (200) is thus prevented. The shield (200) splits the enclosure ground from the internal signal ground, decreasing the capacitance between them, in turn decreasing another possible source of electromagnetic radiation. In addition, the shield (200) is more cost efficient to manufacture since it only requires a one step assembly process.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24465

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : g02b 6/36

US CL : 38580-93, 147; 439/607-610; 361/800,816,818; 174/35r,51

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)

U.S. : 38580-93, 147; 439/607-610; 361/800,816,818; 174/35r,51

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
noneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
none**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,329,604 A (BALDWIN et al.) 12 July 1994 (12.07.1994), see entire document.	1-28
Y	US 6,047,172 A (BABINEAU et al.) 04 April 2000 (04.04.2000), see entire document.	1-28
Y	US 6,085,006 A (GAIO et al.) 04 July 2000 (04.07.2000), see entire document.	1-28



Further documents are listed in the continuation of Box C.



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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

David Martin

Telephone No. 571-272-2107