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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: METHOD AND APPARATUS FOR RECEIVING A REMOVABLE MEDIA MEMBER

(57) Abstract: The present invention is directed towards receiving removable media, and in some embodiments, providing tighter alignment tolerances between an inserted removable media member and a receiving device. The present invention is also directed towards providing one or more electrical or optical device on or in the removable media member itself, and for providing an electrical and/or optical link between the one or more electrical and/or optical devices on or in the removable media and the receiving device.



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INTERNATIONAL SEARCH REPORT

International Application No

PC/US 03/25779

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N15/14
//G11B15/675

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 7 G01N G11B

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 877 075 A (WATANABE KUNITAKE) 8 April 1975 (1975-04-08)	1-8,11, 42-44
Y	abstract figure 1	10
Y	----- US 2002/020773 A1 (FUJII HIROSHI ET AL) 21 February 2002 (2002-02-21) abstract figure 22	10
A	----- WO 02/10713 A (HONEYWELL INT INC) 7 February 2002 (2002-02-07) cited in the application page 6, line 32 - page 11, line 20 figures 1-5 -----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"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

"Y" 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.

"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 03/25779

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-11, 42-45

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11, 42-45

Apparatus and method for accepting a removable media member, characterized by a first member engaging the media member so that the media member can be moved along when actuating the first member.

2. claims: 12-21, 36-38, 46-53

Apparatuses and method for accepting a removable media member, characterized by spring-biased probes to align with electrical contacts of the media member.

3. claims: 24-28

An apparatus characterized by emitters and receivers for communication between a base and a removable media member

4. claims: 39-41

An apparatus for accepting a removable media member, characterized by a first member having a groove therein

5. claims: 54-57

An apparatus characterized by a base including one or more pneumatic sources in fluid communication with a removable media member

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/25779

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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