Title: METHOD FOR ALIGNING DIE TO SUBSTRATE

(57) Abstract: A method for aligning a micro-mirror device die having a plurality of micro-mirror devices formed on a semiconductor substrate and fixing the micro-mirror device die on the semiconductor substrate can be provided. The method comprises a first alignment step of aligning a first guide portion of the micro-mirror device die and a second guide portion of the package substrate and a fixing step of fixing the micro-mirror device die on the package substrate in a position aligned by the first alignment step using the first and second guide portions.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

USPC - 359/290

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) - H01L 23/12 (2008.04)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,392,144 B1 (FILTER et al) 21 May 2002 (21 05 2002) entire document</td>
<td>1-14, 19-21</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,384,940 A (SOULE et al) 31 January 1995 (31 01 1995) Fig 3</td>
<td>22</td>
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</table>

D. Further documents are listed in the continuation of Box C

* 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 application or patent but published on or after the international filing date

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

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"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

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Date of the actual completion of the international search 21 May 2008

Date of mailing of the international search report 30 JUN 2008

Name and mailing address of the ISA/US

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