An apparatus includes a housing and a cutting mechanism coupled to said housing and configured for cutting a sheet. The apparatus further includes a user interface incorporated into said housing for allowing a user to select through said user interface at least one shape to be cut by said cutting mechanism. Additionally, the apparatus includes a processor housed within said housing for controlling movement of said cutter assembly and for receiving commands through said user interface. The apparatus also includes a memory device in communication with said processor, said memory device containing a library of shapes to be cut with said cutting mechanism for selecting by a user through said user interface.
Published: (88) Date of publication of the international search report:

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

11 December 2008
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

**IPC(8) -** B23Q 15/00 (2008.04)

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)

USPC - 083/13, 52, 72, 76.1, 76.6, 76.9, 706

IPC - B23Q 15/00

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

USPC - 83/76.3; 700/122, 134; search terms below

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Google Patents; Public PAIR; PubWEST (USPT.OPG.EPAB.JPAB); Google Scholar

**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 3,805,650 A (PEARL) 23 April 1974 (23.04.1974), fig 1; Abstract; col 4, In 4-12; col 5, In 44-45.</td>
<td>1, 14, 19</td>
</tr>
<tr>
<td>Y -------</td>
<td>US 3,895,358 A (PEARL) 15 July 1975 (15.07.1975), fig 1; col 3, In 52-60.</td>
<td>2, 5, 7, 8, 12, 16</td>
</tr>
<tr>
<td>Y -------</td>
<td>US 6,121,889 A (JANDA et al.) 19 September 2000 (19.09.2000), fig 1; col 2, In 12-20; col 3, In 57-61</td>
<td>3, 9, 17</td>
</tr>
<tr>
<td>Y -------</td>
<td>US 6,781,821 B2 (TSUBAI) 24 August 2004 (24.08.2004), fig 1, 10A, 10B</td>
<td>4, 10, 11, 18</td>
</tr>
<tr>
<td>Y -------</td>
<td>US 6,382,744 B1 (XIAO) 07 May 2002 (07.05.2002), fig 1, 3; col 2, In 48-50.</td>
<td>13</td>
</tr>
</tbody>
</table>

☐ 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

**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**

23 September 2008 (23.09.2008)

**Date of mailing of the international search report**

**01 OCT 2008**

**Name and mailing address of the ISA/US**

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**Authorized officer**

Lee W. Young

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