Title: SYSTEM AND METHOD FOR DETECTING THE LOCATION OF A PHYSICAL OBJECT PLACED ON A SCREEN

Abstract: Method for detecting the location of an object (108A) on a display device (102), comprising the steps of producing a plurality of patterns (122), each at a selected location on the display device (102), detecting at least one of the patterns (122), transmitting a signal indicative of the detected pattern, receiving the transmitted signal, and determining the location of the device (102), according to the received signal.
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.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) :G09G 5/00
US CL :345/156, 158, 173, 179, 180; 463/14, 15, 37, 39
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. : 345/156, 158, 173, 179, 180; 463/14, 15, 37, 39

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 practicable, search terms used)

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>Y</td>
<td>US 5,853,327 A (GILBOA) 29 December 1998, see the entire document.</td>
<td>1-21 and 23-68</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,188,368 A (RYAN) 23 February 1993, see the entire document.</td>
<td>1-21 and 23-68</td>
</tr>
<tr>
<td>A,P</td>
<td>US 5,953,686 A (PIERNOT et al.) 14 September 1999, abstract.</td>
<td>1-68</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search
07 FEBRUARY 2001

Date of mailing of the international search report
12 MAR 2001

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231
Facsimile No. (703) 305-3230

Authorized officer
DENNIS-DOON CHOW
Telephone No. (703) 305-4398

Form PCT/ISA/210 (second sheet) (July 1998)