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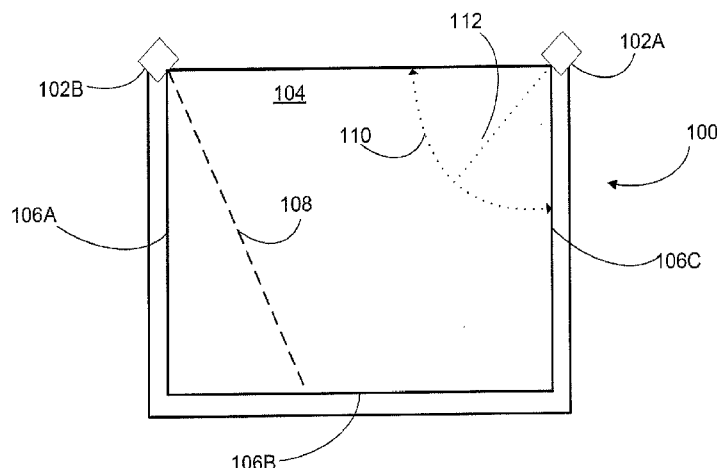


FIGURE 1

(57) Abstract: Software heuristics can be applied to determine which two points of a plurality of potential touch points are likely actual touch points based on a potential touch point's location relative to a predefined touch area and/or a characteristic of a hypothetical touch corresponding to the potential touch point. For instance, a software filter may determine if a potential touch point lies outside the touch area based on comparing coordinates of the potential touch point to boundaries of the predefined touch area. As another example, if the size of the hypothetical touch exceeds a threshold and is in a particular position (e.g., near an edge of the touch area), the potential touch point may be identified as a ghost touch point. As another example, a filter may evaluate whether a shape of the hypothetical touch exceeds a threshold for asymmetry; if so, the potential touch point may be identified as a ghost touch point.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F3/042
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F

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)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/202974 A1 (THIELMAN JEFFREY [US]) 14 September 2006 (2006-09-14) paragraph [0014] - paragraph [0016]; figure 1 paragraph [0030] - paragraph [0036]; figures 6-7	1-21
X	US 2006/232568 A1 (TANAKA ATSUSHI [JP] ET AL) 19 October 2006 (2006-10-19) paragraph [0226] sentence 372, paragraph 324; figures 24-29	1-21
X	US 6 421 042 B1 (OMURA KATSUYUKI [JP] ET AL) 16 July 2002 (2002-07-16) column 19, line 16 - line 65; figure 11	1-21

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

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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