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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: PANNING CONTENT UTILIZING A DRAG OPERATION

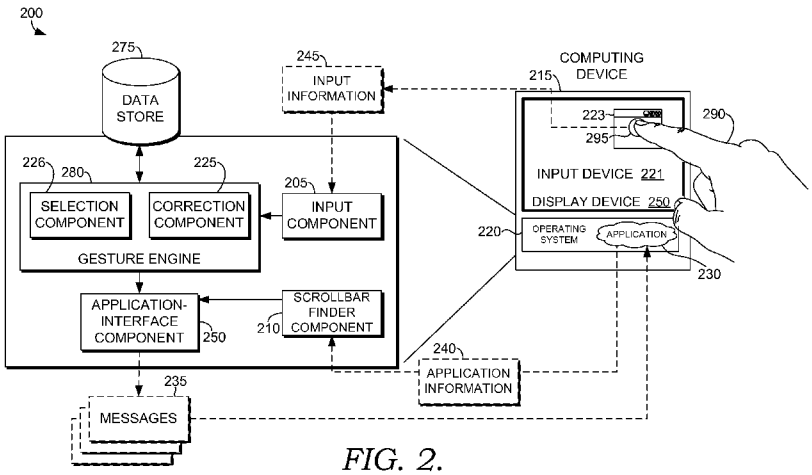


FIG. 2.

(57) Abstract: Computer-readable media, computerized methods, and computer systems for intuitively invoking a panning action by applying a user-initiated input at the content region rendered at a touchscreen interface are provided. Initially, aspects of the user-initiated input include a location of actuation (e.g., touch point on the touchscreen interface) and a gesture. Upon ascertaining that the actuation location occurred within the content region and that the gesture is a drag operation, based on a distance of uninterrupted tactile contact with the touchscreen interface, a panning mode may be initiated. When in the panning mode, and if the application rendering the content at the display area supports scrolling functionality, the gesture will control movement of the content within the content region. In particular, the drag operation of the gesture will pan the content within the display area when surfaced at the touchscreen interface.

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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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A. CLASSIFICATION OF SUBJECT MATTER

G06F 3/041(2006.01)i, G06F 3/048(2006.01)i

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 : G06F

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

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

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

eKOMPASS(KIPO internal) "touchscreen", "gesture", "drag", "scroll", "panning", "touch location"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007-0277126 A1(HO JOO PARK et al.) 29 November 2007 See abstract; figures 1-6; paragraphs [0032]-[0060]; claims 1-24.	1, 9, 13
A		2-8, 10-12, 14-20
A	US 2008-0082930 A1(TIMOTHY P. OMERNICK et al.) 3 April 2008 See abstract; figures 6-7. paragraphs [0155]-[0165]; claims 1-3, 8-11.	1-20
A	US 2007-0091075 A1(JIA-YIH LII) 26 April 2007 See abstract; figures 1-2; paragraph [0015]; claims 1-5.	1-20
A	US 2003-0043114 A1(MIIKA SILFVERBERG et al.) 6 March 2003 See abstract; figures 1-5; claims 1-20.	1-20

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

* Special categories of cited documents:

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"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

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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