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[Continued on next page]

(54) Title: USING TEXT MESSAGES TO INTERACT WITH SPREADSHEETS

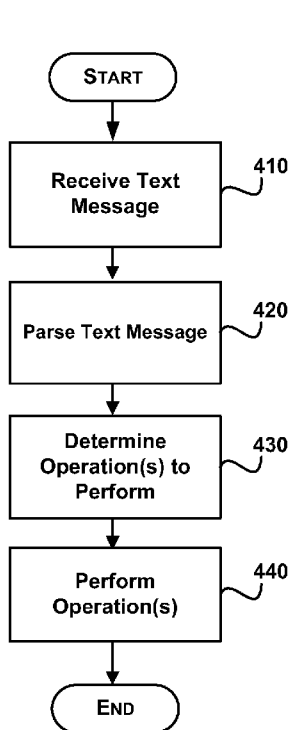


FIG. 4

(57) Abstract: Text messages are used to interact with objects in a spreadsheet. For example, text messages may be used to enter/receive data in the spreadsheet. One or more text messages may be associated with a spreadsheet. Text messages may be associated with cells, tables, charts and other objects of the spreadsheet. When the spreadsheet receives a text message, the text message is parsed and information that is contained within the text message is used to interact with one or more objects within the spreadsheet. The spreadsheet may also generate and send text messages that provide information about the spreadsheet and/or request information to be entered within the spreadsheet. For example, the spreadsheet may send out an update of one or more values/objects within a spreadsheet and/or send a request within a text message requesting information to update a table.

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

Published:

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Declarations under Rule 4.17:

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A. CLASSIFICATION OF SUBJECT MATTER**G06F 17/21(2006.01)i, G06F 15/16(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)

G06F 17/21; G06F 15/16; G06F 17/30; H04M 11/00; H04Q 7/20

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

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords:spreadsheet, message,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0128855 A1 (DEMO MARK D. et al.) 27 May 2010 See paragraph 19 - paragraph 66;	1
Y	claims 1,9,10 and figures 1-7.	2-10
Y	US 2010-0306179 A1 (LIM KENG) 02 December 2010 See paragraph 62 - paragraph 85;	2-10
A	paragraph 273 - paragraph 281; paragraph 398 - paragraph 404; paragraph 725 - paragraph 728;	1
A	claims 1,3,4 and figure 4.	1-10
A	US 2005-0273695 A1 (JEFFREY SCHNURR) 08 December 2005 See paragraph 2 - paragraph 5; paragraph 27 - paragraph 29; and figure 4.	1-10

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

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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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

"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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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