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[Continued on next page]

(54) Title: AUTOMATED FIELD PROVISIONING FOR ENERGY MANAGEMENT SYSTEMS

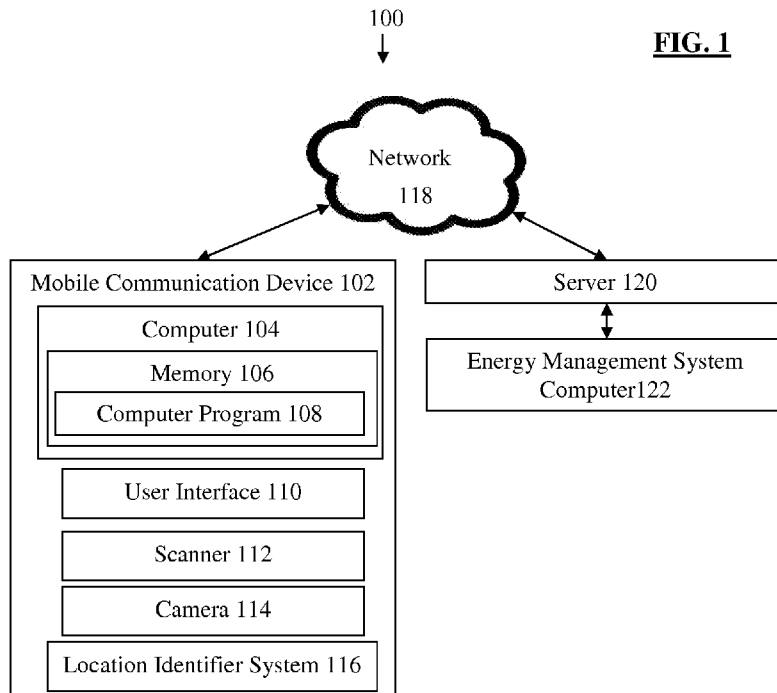


FIG. 1

(57) Abstract: A mobile communication device, a computer-implemented method, and a computer program product are provided for automated field provisioning for energy management systems. A meter model is identified based on an electronic image of at least one of a serial number associated with a meter and a quick response code associated with the meter. A location identifier is determined based on a location of the mobile communication device. Information is communicated, via a communication network, to a server associated with an energy management system, wherein the information includes at least one of the meter model and the location identifier.

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A. CLASSIFICATION OF SUBJECT MATTER*G06Q 50/06(2012.01)i, G06Q 50/10(2012.01)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)

G06Q 50/06; G08C 17/02; H04Q 7/20; H04W 4/02; H04Q 9/00; G08B 23/00

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: meter, smart phone, network, QR code and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-0971357 B1 (YEONGNAM ENERGY SERVICE CO.) 20 July 2010 See abstract, paragraphs [0011], [0021], [0022], [0040], claims 1-2, 4 and figures 1-3.	1-20
Y	KR 10-2011-0127550 A (DREAMADE CO.) 25 November 2011 See abstract, paragraphs [0013], [0029]-[0032], [0034], [0038], claims 1-2 and figures 1-2.	1-20
Y	KR 20-0333925 Y1 (SONG, JUNGJUN) 19 November 2003 See abstract, page 3 lines 22-27, page 4 line 8, claims 1-2 and figures 1, 3.	1-20
A	US 6867707 B1 (KELLEY et al.) 15 March 2005 See abstract, column 3 lines 17-29, 36-43, 51-55, claim 45 and figure 1.	1-20
A	US 2004-0198406 A1 (GHOLMIEH et al.) 7 October 2004 See abstract and claim 1.	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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"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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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