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(54) Title: CONSUMABLE DATA MANAGEMENT

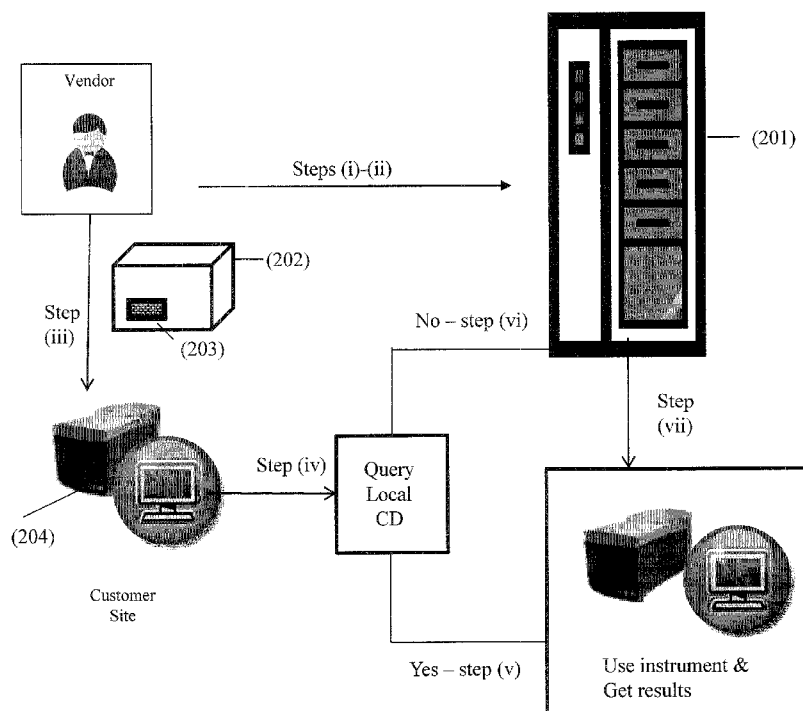


Fig. 2

[Continued on next page]



GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(57) Abstract: The present invention relates to methods, devices and systems for associating consumable data with an assay consumable used in a biological assay. Provided are assay systems and associated consumables, wherein the assay system adjusts one or more steps of an assay protocol based on consumable data specific for that consumable. Various types of consumable data are described, as well as methods of using such information in the conduct of an assay by an assay system.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/045339**A. CLASSIFICATION OF SUBJECT MATTER****G06F 19/00(2011.01)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 19/00; G08B 21/00; G01N 35/00; B01L 3/00; G08B 13/14; G01N 33/50

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: assay*,analysis*, identi*,index*, promot*,consumer*,vendor*,agent*, updat*,edit*,adju*

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2006-0210435 A1 (TINO ALAVIE et al.) 21 September 2006 See Abstract, Paragraphs 101-153, Claims 1-51, Figures 1-6.	1,29,63 2-28,30-62,64-91
Y A	US 2009-0066507 A1 (LEWINGTON JAY et al.) 12 March 2009 See Abstract, Paragraphs 6-14, 24-64, Figures 1-4.	1,29,63 2-28,30-62,64-91
A	US 2005-0240352 A1 (FENG LIANG) 27 October 2005 See Abstract, Paragraphs 63-76, Figures 11-13.	1-91
A	US 2008-0284602 A1 (MORRIS RICHARD D. et al.) 20 November 2008 See Abstract, Paragraphs 22-58, Figure 1.	1-91

☐ 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

"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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Date of the actual completion of the international search

23 MARCH 2012 (23.03.2012)

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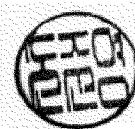
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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