

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 February 2007 (22.02.2007)

PCT

(10) International Publication Number
WO 2007/021703 A3

(51) International Patent Classification:

G06G 7/48 (2006.01)

(21) International Application Number:

PCT/US2006/030948

(22) International Filing Date: 8 August 2006 (08.08.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/200,381 9 August 2005 (09.08.2005) US

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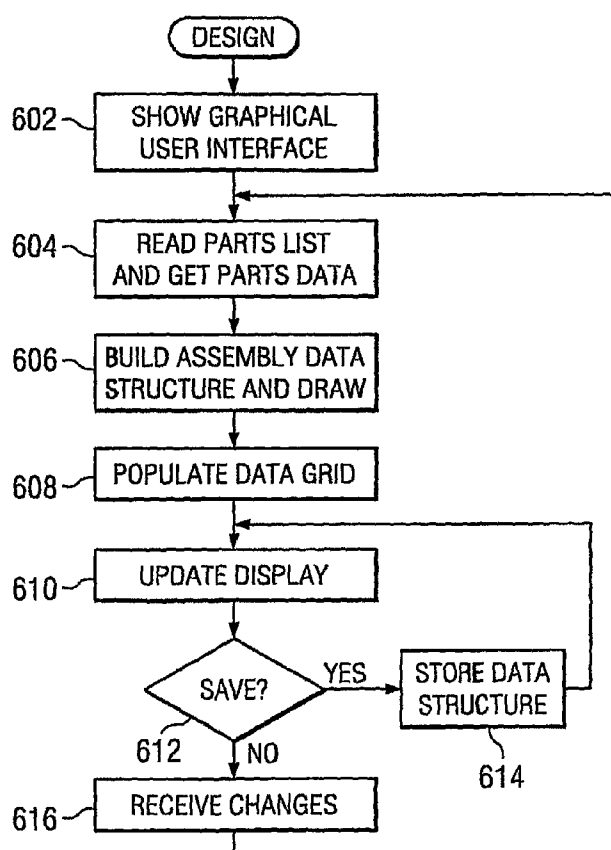
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
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SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR DOWNHOLE TOOL SYSTEM DEVELOPMENT



(57) Abstract: A disclosed method of downhole tool system development comprises: receiving specifications of a downhole tool system that comprises multiple strings, each string having one or more components; and checking for interference between the multiple strings in an initial position. A disclosed system comprises: a memory that stores software; and a processor coupled to the memory to execute the software. The software causes the processor to provide a graphical user interface that enables a user to specify a downhole tool system having multiple strings, and to test the strings for diametrical overlap attributable to relative motion of the strings.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

(88) Date of publication of the international search report:

21 December 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/30948

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G01G 07/48 (2007.01)

USPC - 703/10

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(8) - G01G 07/48(2007.01)

USPC - 703/10

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 practicable, search terms used)

MicroPatent, IP.com, DialogPro

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,785,641 B1 (HUANG) 31 August 2004 (31.08.2004) entire document	1-5 ----- 6-14
Y	US 6,169,967 B1 (DAHLEM et al) 02 January 2001 (02.01.2001) entire document	6-8
Y	US 4,931,929 A (SHERMAN) 05 June 1990 (05.06.1990) entire document	9-14
A	US 2002/0049575 A1 (JALALI et al) 25 April 2002 (25.04.2002) entire document	1-14
A	US 2005/0015229 A1 (HUANG) 20 January 2005 (20.01.2005) entire document	1-14

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Date of the actual completion of the international search

01 April 2007

Date of mailing of the international search report

13 SEP 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-3201

Authorized officer:

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PCT Helpdesk: 571-272-4300

PCT OSP: 571-272-7774