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- (71) Applicant: MICROSOFT CORPORATION [US/US];
One Microsoft Way, Redmond, Washington 98052-6399 (US).
- (72) Inventors: GREEF, Arthur; c/o Microsoft Corporation,
LCA - International Patents, One Microsoft Way, Redmond,
Washington 98052-6399 (US). HEALY, John; c/o Microsoft Corporation,
LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US).

GALL, Michael; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US). CHAPE, Xavier; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US). AKERBLOM, Par; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US). SWAMINATHAN, Manoj; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US).

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[Continued on next page]

(54) Title: ACCOUNTING FOR CONTRACT FORMATION AND FULFILLMENT ACTIVITIES

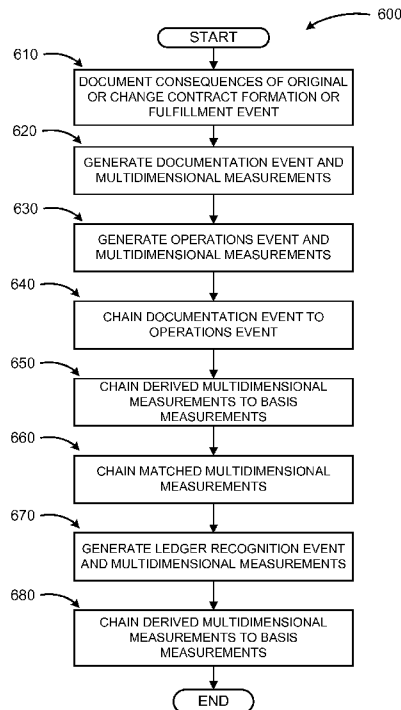


FIG. 6

(57) Abstract: Technologies are generally described for accounting for contract formation and fulfillment activities by combination event chaining and multidimensional measurement chaining, with event and measurement matching rules that apply variance and tolerance policies during evaluation. Building on chaining basis and derived measurements that participate in an equality relationship, chaining measurements may participate in a matching rule that applies tolerance policies. Furthermore, measurement chaining may be updated when the documented consequence of events are corrected or changed.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2014/017520**A. CLASSIFICATION OF SUBJECT MATTER****G06Q 10/10(2012.01)i, G06Q 10/06(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 10/10; G06F 17/60; G06Q 40/00; G06Q 10/00; G06Q 10/06

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:accounting, contract, fulfillment, chaining, measurement

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6167378 A (DONALD GARY WEBBER, JR.) 26 December 2000 See abstract, column 6, lines 37-51, 61-67, column 7, lines 61-65, column 8, lines 13-17, column 17, lines 26-31, claims 1,5-6,11 and figures 2,9.	1-10
A	US 2003-0115080 A1 (KASRA KASRAVI et al.) 19 June 2003 See abstract, claims 1-4,9 and figure 4.	1-10
A	US 2002-0042757 A1 (IMADDIN OTHMAN ALBAZZ et al.) 11 April 2002 See abstract, claims 1-2,4 and figures 1-2,4,11.	1-10
A	US 2009-0234662 A1 (RHONDA STIEVER et al.) 17 September 2009 See abstract, claims 1-2,11 and figure 6.	1-10
A	US 2008-0243662 A1 (T.N. SUBRAMANIAM) 02 October 2008 See abstract, claims 1,4-6 and figures 3A-3B.	1-10

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

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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

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"&" document member of the same patent family

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International Application Division
Korean Intellectual Property Office
189 Cheongsa-ro, Seo-gu, Daejeon Metropolitan City, 302-701,
Republic of Korea

Facsimile No. ++82 42 472 7140

Authorized officer

Jang, Gijeong

Telephone No. +82-42-481-8364



INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 06167378 A	26/12/2000	WO 98-34167 A2	06/08/1998
US 2003-0115080 A1	19/06/2003	AU 2002-348031 A1	06/05/2003
		AU 2002-349898 A1	06/05/2003
		AU 2002-349899 A1	06/05/2003
		AU 2002-349900 A1	06/05/2003
		AU 2002-349901 A1	06/05/2003
		CA 2463825 A1	01/05/2003
		CA 2464325 A1	01/05/2003
		EP 1444629 A2	11/08/2004
		EP 1444629 A4	14/06/2006
		EP 1500009 A2	26/01/2005
		EP 1500009 A4	15/02/2006
		MX PA04003840 A	20/06/2005
		MX PA04003846 A	08/07/2004
		US 2003-120477 A1	26/06/2003
		US 2003-120504 A1	26/06/2003
		US 2003-120528 A1	26/06/2003
		US 2003-130878 A1	10/07/2003
		US 7165036 B2	16/01/2007
		US 8103534 B2	24/01/2012
		WO 03-036425 A2	01/05/2003
		WO 03-036425 A3	18/03/2004
		WO 03-036426 A2	01/05/2003
		WO 03-036426 A3	01/04/2004
		WO 03-036427 A2	01/05/2003
		WO 03-036427 A3	25/11/2004
		WO 03-036428 A2	01/05/2003
		WO 03-036428 A3	01/04/2004
		WO 03-036847 A2	01/05/2003
		WO 03-036847 A3	25/03/2004
US 2002-0042757 A1	11/04/2002	CA 2322600 A1	06/04/2002
		US 7620570 B2	17/11/2009
US 2009-0234662 A1	17/09/2009	None	
US 2008-0243662 A1	02/10/2008	AU 2008-232997 A1	09/10/2008
		AU 2008-338916 A1	25/06/2009
		AU 2008-338916 A2	25/06/2009
		CA 2682531 A1	09/10/2008
		CA 2695723 A1	12/02/2009
		CA 2710208 A1	25/06/2009
		CN 101790742 A	28/07/2010
		CN 101821762 A	01/09/2010
		CN 101903901 A	01/12/2010
		CN 101903901 B	11/06/2014
		EP 2135209 A2	23/12/2009
		EP 2223275 A1	01/09/2010

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2014/017520

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		US 2008-0243661 A1	02/10/2008
		US 2009-0043690 A1	12/02/2009
		US 2009-0157538 A1	18/06/2009
		US 8626622 B2	07/01/2014
		WO 2008-121449 A2	09/10/2008
		WO 2008-121449 A3	11/02/2010
		WO 2009-020463 A1	12/02/2009
		WO 2009-079023 A1	25/06/2009
		WO 2009-079098 A1	25/06/2009
		WO 2009-111413 A2	11/09/2009
		WO 2009-111413 A8	10/12/2009