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(54) **Title:** CALENDAR MATCHING OF INFERRED CONTEXTS AND LABEL PROPAGATION

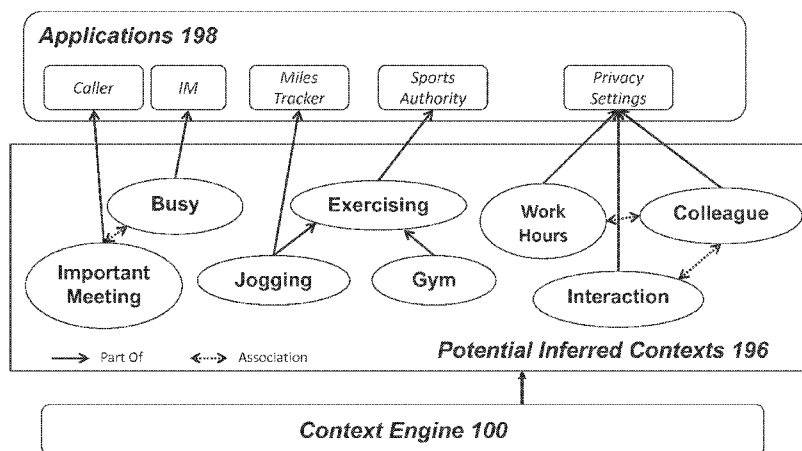


Figure 1B

(57) **Abstract:** Methods, systems, computer-readable media, and apparatuses for calendar matching of inferred contexts are described. In one potential embodiment, a mobile device may use context information to generate a calendar of inferred contexts. Label information from raw calendar data may be used to update an inferred context within a calendar of inferred contexts. Additionally, the label may be propagated to future contexts and entries in an inferred context calendar.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 13/39969

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04L 29/08, G06Q 10/00 (2013.01)

USPC - 705/7.18, 455/414.4

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)

USPC: 705/7.18, 455/414.4; IPC(8): H04L 29/08, G06Q 10/00 (2013.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 705/1.1, 7.11, 7.18, 7.24; 455/403, 414.1, 414.3, 414.4; 700/1, 90; 709/204, 223; IPC(8): H04L 29/08, G06Q 10/00 (2013.01) (see terms below)

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

PatBase, PubWEST(PGPB,USPT,USOC,EPAB,JPAB), Google Scholar

terms: wireless, calendar, context, mobile device, infer, derive, global position, GPS, WiFi, Bluetooth, signature, label, tag, text, schedule, cellular, portable, personal, propagate, update, match, sensor, detect, place, location, people, identifier, factor\$1 or information aware

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 2005/0060365 A1 (Robinson) 17 March 2005 (17.03.2005), fig. 2, 8, para [0009], [0025], [0028]-[0030], [0033]-[0038], [0042], [0047]-[0050], [0055], [0059], [0104]-[0106].	1-12, 14-21 ----- 13
Y	US 2010/0069115 A1 (Liu) 18 March 2010 (18.03.2010), fig. 2, para [0015]-[0016], [0044].	13
A	US 2012/0102050 A1 (Button et al.) 26 April 2012 (26.04.2012), entire document.	1-21
A	US 2010/0268741 A1 (Holzapfel et al.) 21 October 2010 (21.10.2010), entire document.	1-21
A	US 2009/0248476 A1 (Trinh) 01 October 2009 (01.10.2009), entire document.	1-21
A	US 2007/0022380 A1 (Swartz et al.) 25 January 2007 (25.01.2007), entire document.	1-21
A	US 2002/0116459 A1 (Zuberec et al.) 22 August 2002 (22.08.2002) Entire document	1-21

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