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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,

[Continued on next page]

(54) Title: PERSONAL THREAT NOTIFICATION

(57) Abstract: An apparatus, system, and method for personal threat notification. The method includes determining a device location. The device location is a location of a device 140. The method includes determining a threat location. The threat location includes a location of a threat. The method includes presenting a notification to the device 140 in response to determining that the threat location is within a predetermined distance of the device location.

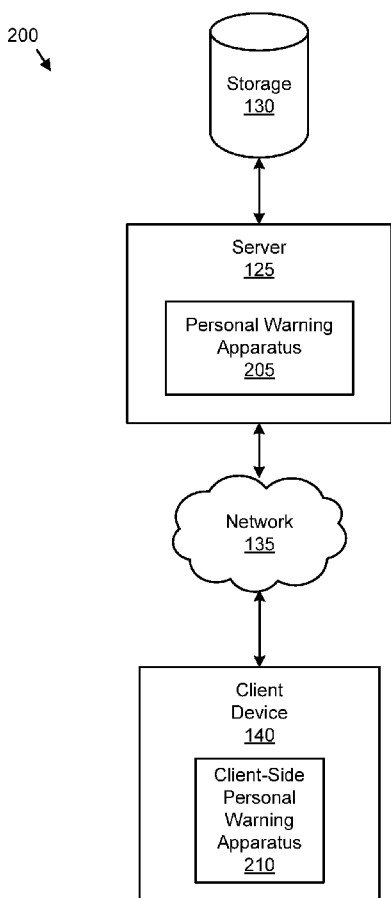


FIG. 2



SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/029096**A. CLASSIFICATION OF SUBJECT MATTER***G08B 21/02(2006.01)i, G08B 27/00(2006.01)i, H04W 4/02(2009.01)i, H04W 88/02(2009.01)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)

G08B 21/02; G08B 5/22; G08B 1/08; H04B 7/185; G08B 13/00; 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: "device location, threat location, geographic location, hierarchy of communication, route of travel, device vector, vantage point"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 06028514 A (JEROME H. LEMELSON et al.) 22 February 2000 See abstract; figures 1-3, 6; column 5, lines 7-15.	1, 2, 12
X	US 2010-0259378 A1 (JASON LEE MOORE) 14 October 2010 See abstract; figures 1, 2; paragraph [0012], [0016].	1, 2, 12
A	US 2007-0171045 A1 (PENNY S. HENDERSON) 26 July 2007 See abstract; figures 1, 2; paragraph [0046].	1-20
A	US 05628050 A (THOMAS F. MCGRAW et al.) 06 May 1997 See abstract; figures 1, 2, 7; column 4, lines 34-35.	1-20

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

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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

"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

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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 06028514 A	22.02.2000	None	
US 2010-0259378 A1	14.10.2010	US 2012-044076 A1 US 8089356 B2	23.02.2012 03.01.2012
US 2007-0171045 A1	26.07.2007	CA 2621469 A1 US 7460019 B2 WO 2007-029189 A2 WO 2007-029189 A3	15.03.2007 02.12.2008 15.03.2007 16.04.2009
US 05628050 A	06.05.1997	None	