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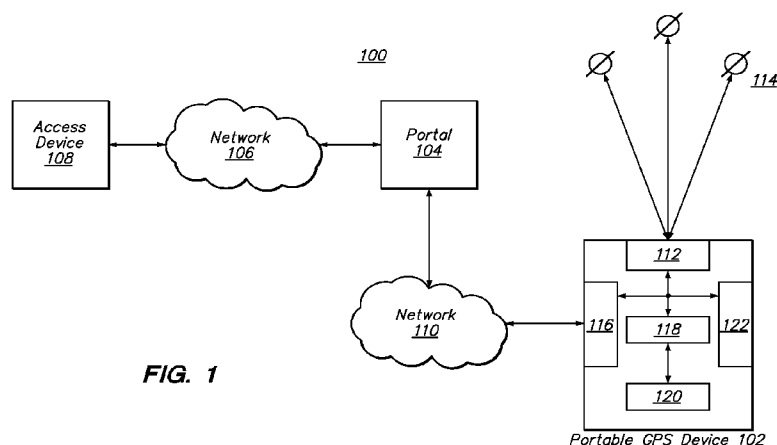
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(54) Title: GPS DEVICE AND PORTAL



(57) Abstract: A portable GPS device and portal for communicating with the GPS device and methods of use thereof are described. A method of tracking movement of a portable GPS device using a geofence comprises: initializing a geofence, the geofence specifying a geographic boundary; storing parameters of the geofence in a portable GPS device; sending a notification message from the portable GPS device to a remote location in response to the portable GPS device determining that it has crossed the boundary.

A. CLASSIFICATION OF SUBJECT MATTER***H04W 64/00(2009.01)i, H04W 4/02(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)

H04W 64/00; G06F 7/00; G05D 1/00; H04M 15/06; H04M 1/56

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: geofence, GPS, alert

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006-0270421 A1 (ALAN PHILLIPS et al.) 30 November 2006 See abstract; paragraphs 12, 21-23, 70, 90, 111, 112, 135, 136, 140, 148, 154, 155, 172-177, 186; and claims 9-27.	1-10, 14
X	US 2003-0060938 A1 (WILLIAM DUVALL) 27 March 2003 See abstract; figures 2-4; and claim 1.	1-4
A	US 2008-0129491 A1 (RUPERTO NETZER ARIAS) 05 June 2008 See abstract; figure 11; and claims 1-3.	1-20
A	US 2007-0280448 A1 (RANJAN SHARMA et al.) 06 December 2007 See abstract; figures 1, 4-9; and claims 1-3, 11, 15.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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