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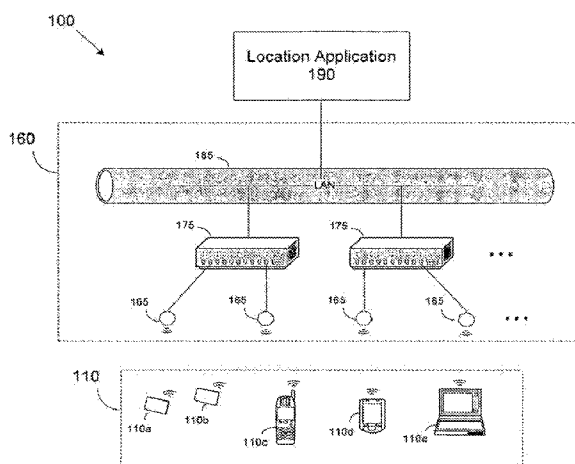
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(54) Title: METHODS AND APPARATUS FOR LOCATION SYNTHESIS IN A WIRELESS NETWORK ENVIRONMENT



(57) Abstract: In one aspect, a software application for location determination of a mobile device connected to at least one network is provided. The software application comprises a first input to receive first location information indicative of a first possible location of the mobile device, the first location information obtained from a first source and determined based, at least in part, on signals exchanged over a first wireless connection of the at least one network, a second input to receive second location information indicative of a second possible location of the mobile device, the second location information obtained from a second source and determined based, at least in part, on signals exchanged over a second connection of the at least one network, and a location synthesizer coupled to the first input and the second input, the location synthesizer adapted to determine a synthesized location of the mobile device based, at least in part, on the first location information and the second location information.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/87722

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04Q 7/20 (2008.01)

USPC - 455/456.1

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: 455/456.1

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

USPC: 455/456.1 (search term limited)

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

WEST (DB=USPAT, USPGPB, EPAB, JPAB); Google search, terms including: communications, network, location, position, RSSI, TOA, GPS, LAN, WAN, triangulation, base station, transceiver, mobile, wireless, cellular

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 7,116,988 B2 (DIETRICH et al.) 03 October 2006 (03.10.2006) col 2, ln 8 to col 3, ln 40; col 6, ln 20 to col 12, ln 25.	1-6, 9-12, 16-22, 25-28, 32-38, 41-44 ----- 7, 8, 13-15, 23, 24, 29-31, 39, 40, 45-47
Y	US 2005/0226468 A1 (DESHPANDE et al.) 13 October 2005 (13.10.2005) para [0008].	7, 8, 23, 24, 39, 40
Y	US 2006/0258365 A1 (CHA et al.) 16 November 2006 (16.11.2006) para [0014].	8, 24, 40
Y	US 2005/0143133 A1 (BRIDGELALL et al.) 30 June 2005 (30.06.2005) para [0027].	13-15, 29-31, 45-47

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"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

Date of the actual completion of the international search

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