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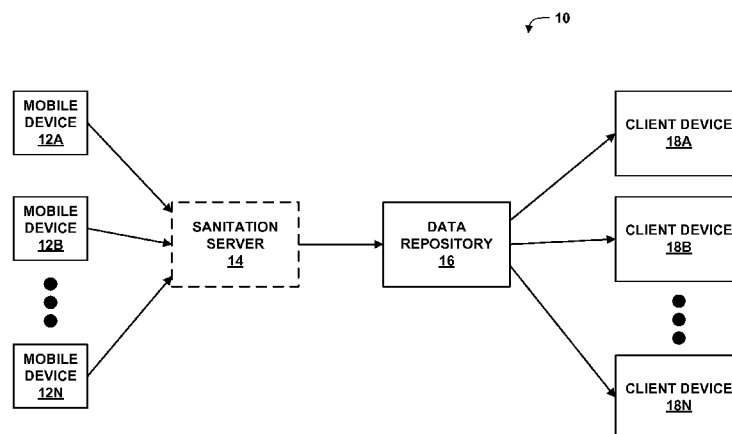


FIG. 1

(57) **Abstract:** In one example, a device includes a first interface to receive a request for a service provider recommendation, the request comprising a first geographic position value and a second, different geographic position value, wherein the service provider recommendation comprises a recommendation for a provider of a wireless service for a mobile device, means for determining aggregate signal quality values for service providers at a first location including the first geographic position and at a second location including the second geographic position, means for determining scores for the service providers based on signal quality values for the service providers at the first location and the second location, means for constructing the service provider recommendation comprising an identification of the service provider having the highest score, and a second interface to output the service provider recommendation.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2011/024755

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04W 48/18 (2011.01)

USPC - 455/422.1

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)

IPC(8) - G06Q 30/00, H04W 48/00, H04W 48/18, H04W 48/20 (2011.01)

USPC - 705/347, 455/422.1, 455/552.1

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

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

Patbase, Elsevier Inc Engineering Village (Compendex, Inspec, NTIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010/0004019 A1 (DI CAPRIO et al) 07 January 2010 (07.01.2010) entire document	1-20
Y	US 2007/0004394 A1 (CHU et al) 04 January 2007 (04.01.2007) entire document	1-20
Y	US 2006/0227718 A1 (WANG et al) 12 October 2006 (12.10.2006) entire document	1-20
A	US 2009/0047944 A1 (JOHNSON et al) 19 February 2009 (19.02.2009) entire document	1-20
A	US 2007/0004427 A1 (MORGAN et al) 04 January 2007 (04.01.2007) entire document	1-20
A	US 6,904,026 B1 (TARNANEN et al) 07 June 2005 (07.06.2005) entire document	1-20
A	US 2009/0042557 A1 (VARDI et al) 12 February 2009 (12.02.2009) entire document	1-20

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