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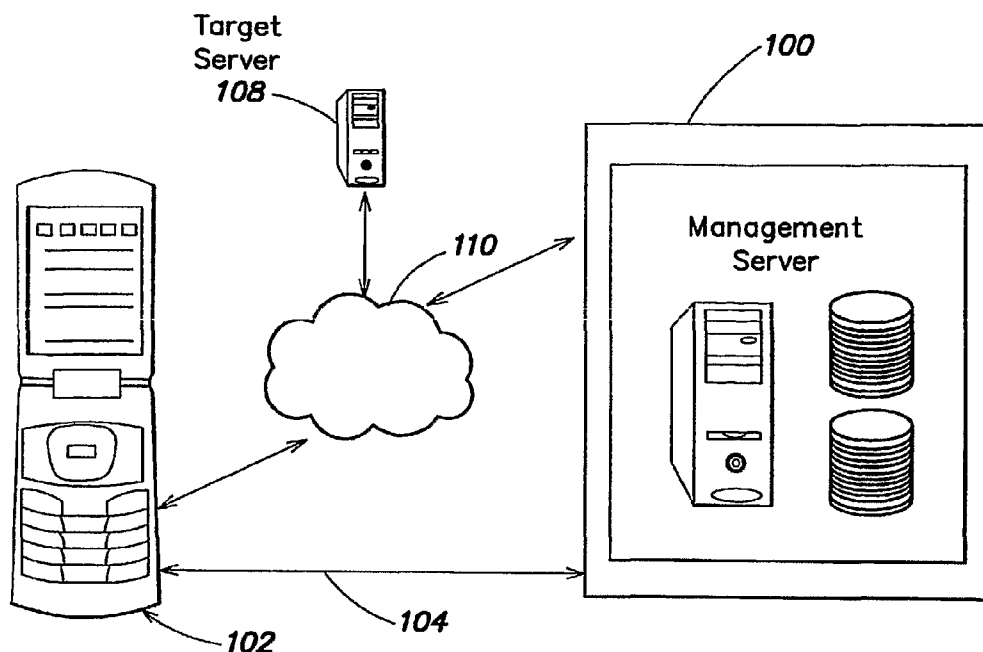
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[Continued on next page]

- (54) Title:** SYSTEM AND METHOD FOR SERVICE QUALITY MANAGEMENT FOR WIRELESS DEVICES



- (S7) Abstract:** A system and method for detecting and recording events related to the quality of service experienced by a wireless device in a wireless network. In one example, these events may be detected and recorded by the wireless device, without support from the network. Performance monitoring tests may be initiated by the wireless device at the direction of a management server, independent of the network in which the device may be operating. The wireless device may store the results of these tests and report the results to the management server.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04B 17/00 (2007.01)

USPC - 455/67.11

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) - H04B 17/00, H04Q 7/34, H04Q 7/36, H04Q 7/38(2007.01)

USPC - 455/67.11, 455/423, 455/446, 455/456.1, 455/524

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)

MicroPatent, IP.com, DialogPro and Google Scholar

keywords: RSSI, quality, performance, "signal strength", "test parameters", "test results"

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 2005/0059354 A1 (ZHAO et al) 17 March 2005 (17.03.2005), see entire document	1, 5-6, 9, 12 and 14-19 ----- 3-4, 7, 10-11, 13, 20
Y	US 6,097,953 A (BONTA et al) 01 August 2000 (01.08.2000), see col. 3, line 41-43	3-4, 13 and 20
Y	US 2004/0207422 A1 (LEHTINEN et al) 21 October 2004 (21.10.2004), see paragraph 0030	7
Y	US 2003/0061009 A1 (DAVIS et al) 27 March 2003 (27.03.2003), see paragraphs 0049-0050	10
Y	US 2004/0176040 A1 (THORTON et al) 09 September 2004 (09.09.2004), see paragraph 0008	11

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