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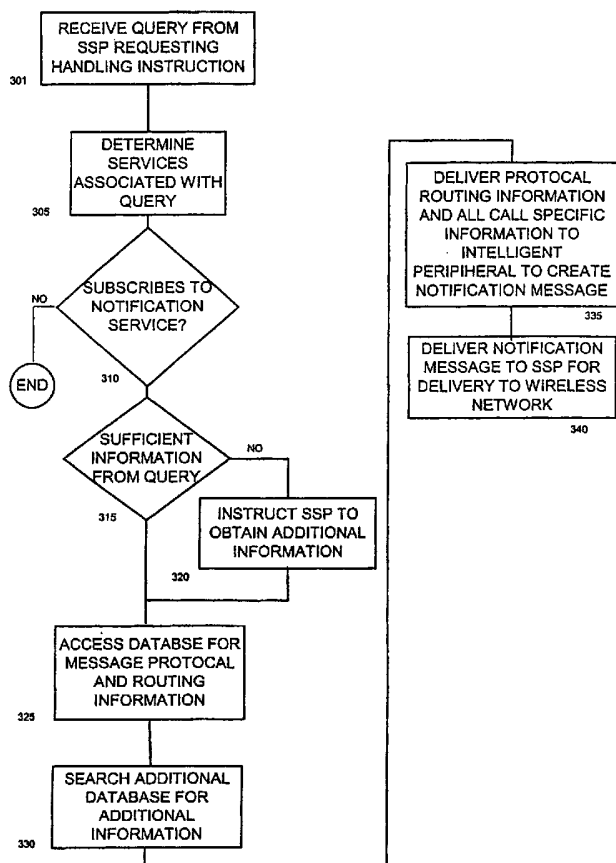
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- (71) Applicant: **QWEST COMMUNICATIONS INTERNATIONAL INC.** [US/US]; LAW Department, Intellectual Property Group, 1801 California Street, Suite 3800, Denver, CO 80202 (US). (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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(54) Title: WIRELESS HANDSET NOTIFICATION OF A CALL PROCESSING EVENT



(57) Abstract: A system and method are provided which allow a wireless handset (46) in a wireless network to be notified (310) of a call processing event, such as an incoming telephone call, occurring at a directory number (Fig. 2) in the Public Switched Telephone Network (PSTN). The system monitors the directory number for predetermined call processing events. Once a predetermined event is detected, a call handling request is sent to a processing node in the PSTN which searches a database for information related to the event. Using information related to the event, an alphanumeric notification message indicative of the event is generated. The notification message is then sent to a messaging center (SMS) in the wireless network for delivery to the wireless handset (46).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04M 3/42, H04Q 7/38

US CL : 455/414,415,445,466;379/229,230,88.19,127

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)

U.S. : 455/414,415,445,466;379/229,230,88.19,127

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,094,574 A (VANCE ET AL) 25 JULY 2000 (25.07.2000), THE WHOLE DOCUMENT	1-18
Y	US 5,901,359 A (MALMSTROM) 04 MAY 1999 (04.05.1999), ABSTRACT, COL. 2, LINE 36-COL. 4, LINE 15, FIGS. 1,2 AND 7	1-18
Y	US 6,219,542 B1 (AAS ET AL) 17 APRIL 2001 (17.04.2001), FIGS. 1-6, COL. 2, LINES 15-59, COL. 4, LINE 4-COL.6 LINE 16	1-18
A	US 6,266,523 B1 (COOK ET AL) 24 JULY 2001 (24.07.2001), THE WHOLE DOCUMENT	1-18

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☐ See patent family annex.

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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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