

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 June 2008 (05.06.2008)

PCT

(10) International Publication Number
WO 2008/066926 A3

(51) International Patent Classification:
H04Q 7/38 (2006.01)

(21) International Application Number:
PCT/US2007/024740

(22) International Filing Date:
29 November 2007 (29.11.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/565,323 30 November 2006 (30.11.2006) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

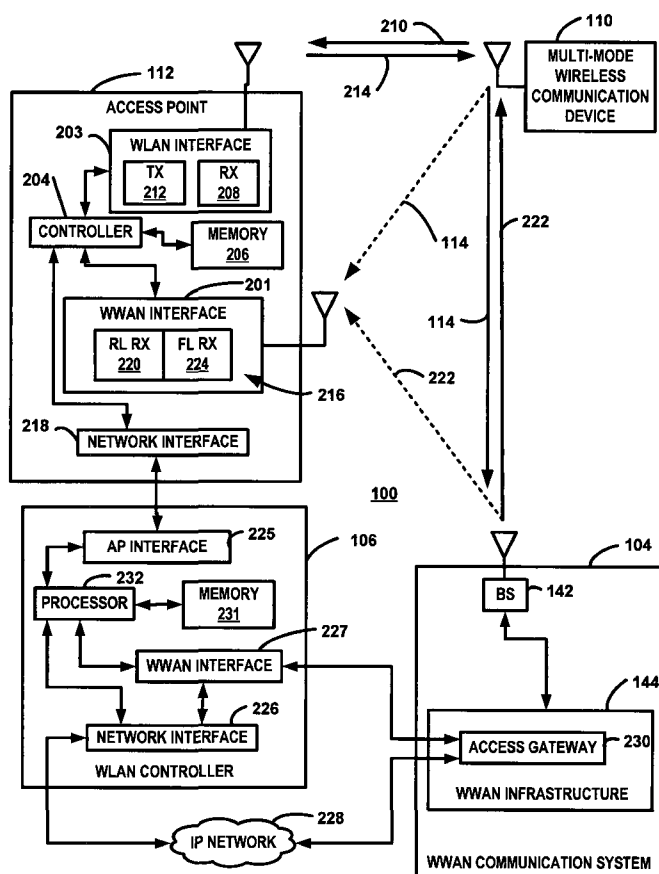
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, **DK**, EE, ES, FI, FR, GB, GR, HU, IE, **IS**, **IT**, LT, LU, LV, MC, MT, NL, PL, PT, **RO**, SE, **SI**, SK, TR), OAPI (BF, **BJ**, CF, CG, CI, CM, GA, GN, GQ, GW, ML, **MR**, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))

[Continued on next page]

(54) Title: DETECTION OF A MULTI-MODE PORTABLE COMMUNICATION DEVICE AT A WLAN - WWAN NETWORK



(57) Abstract: A mesh network communication system includes a plurality of access points connected to a wireless local area network (WLAN) controller where at least one of the plurality access points is a detection access point (DAP) that received reverse link (RL) wireless wide area network (WWAN) signals transmitted from a multi-mode wireless communication device. Based on an intercepted RL WWAN signal, the DAP forwards reverse link (RL) information to the WLAN controller. Based on the RL information, the WLAN controller sends a device proximity message to the WWAN communication system where the device proximity message is based on the proximity of the multi-mode communication device to the mesh network communication network. One or more non-detection access points (NDAPs) of the plurality of access points are capable of providing WLAN service, and may also have the capability to receive RL WWAN signals, but do not send RL information to the WLAN controller.

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))* — *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

Published:

- *with international search report*

(88) Date of publication of the international search report:

24 July 2008

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/024740

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04Q7/38

ADD. H04L12/28

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)

H04Q H04L

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2004/002051 A (THOMSON LICENSING SA [FR]; VERMA SHAILY [IN]; WANG CHARLES CHUANMING []) 31 December 2003 (2003-12-31) abstract page 2, line 5 - line 22 -----	1-30

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Date of the actual completion of the international search

9 May 2008

Date of mailing of the international search report

30/05/2008

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/024740

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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