

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 May 2007 (03.05.2007)

PCT

(10) International Publication Number
WO 2007/050912 A3

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

(21) International Application Number:
PCT/US2006/042028

(22) International Filing Date: 27 October 2006 (27.10.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/731,126 27 October 2005 (27.10.2005) US

(71) Applicant (for all designated States except US): **QUALCOMM Incorporated** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PRAKASH, Rajat** [IN/US]; 8730 Costa Verde Blvd., Apt. 2439, San Diego, California 92122 (US). **ULUPINAR, Fatih** [US/US]; 17387 Grandee Place, San Diego, California 92128 (US). **HORN, Gavin** [US/US]; 8952 Caminito Fresco, La Jolla, California 92037 (US).

(74) Agents: **WADSWORTH, Philip R.** et al.; 5775 Morehouse Drive, San Diego, California 92121 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, 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, LV, LY, MA, MD, 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, 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(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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

14 June 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: UPDATING CONFIGURATION ATTRIBUTE "FASTREPAGE" IN WIRELESS COMMUNICATION SYSTEMS

(57) Abstract: A method and apparatus for updating configuration attributes by transmitting a FastRepage Attribute in a wireless communication system is provided, comprising generating a FastRepage Attribute comprising an 8 bit Length field wherein the Length field indicates a value of length of the FastRepage attribute in octets excluding the length of Length field, an 8 bit AttributeID field, an 8 bit FastRepageEnabled field wherein the FastRepageEnabled field is set to a value '0x01' to indicate that FastRepage is enabled and a 16 bit FastRepageInterval field, wherein the FastRepageInterval field indicates a value of interval at which an access network pages an access terminal when the access network does not receive a response to a page and transmitting the FastRepage attribute over a communication link. A method and apparatus is further provided for receiving and processing the FastRepage attribute.



WO 2007/050912 A3

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/042028

A. CLASSIFICATION OF SUBJECT MATTER
 INV. H04Q7/38

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, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/35520 A (NOKIA TELECOMMUNICATIONS OY [FI]; VERKAMA MARKKU [FI]) 13 August 1998 (1998-08-13) abstract page 6, line 4 - page 8, line 1 -----	1-15
Y	3RD GENERATION PARTNERSHIP PROJECT 2 "3GPP2": "cdma200 High Rate Packet Data Air Interface Specification" 3GPP2 C.S0024-A, VERSION 2.0, July 2005 (2005-07), XP002426687 pages 8-66 - pages 8-70 -----	1-15
A	EP 1 471 760 A (QUALCOMM INC [US]) 27 October 2004 (2004-10-27) paragraph [0032] - paragraph [0033] ----- -/--	1-15

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *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)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *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

26 March 2007

Date of mailing of the international search report

10/04/2007

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Hultsch, Wolfgang

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/042028

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	TOMCIK J ET AL: "QFDD and QTDD: Proposed Draft Air Interface Specification, chapter 6, Lower MAC Control Sublayer" IEEE C802.20-05/69, XX, XX, 28 October 2005 (2005-10-28), pages I-XXXI,1, XP002423447 pages 6-32 -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/042028

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9835520	A	13-08-1998	AU	5867898 A		26-08-1998
			FI	970555 A		08-08-1998
			US	2001029181 A1		11-10-2001
<hr/>						
EP 1471760	A	27-10-2004	EP	1471761 A2		27-10-2004
<hr/>						