

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 August 2009 (06.08.2009)

PCT

(10) International Publication Number
WO 2009/097015 A1

(51) International Patent Classification:

H04W 68/12 (2009.01)

(21) International Application Number:

PCT/US2008/075233

(22) International Filing Date:

4 September 2008 (04.09.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/025,186	31 January 2008 (31.01.2008)	US
61/025,680	1 February 2008 (01.02.2008)	US
12/198,833	26 August 2008 (26.08.2008)	US

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

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HORN, Gavin B.**

[CA/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **AGRAWAL, Avneesh** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **SAMPATH, Ashwin** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **GOROKHOV, Alexei** [FR/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **BHUSHAN, Naga** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **GUPTA, Rajarshi** [IN/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **ULUPINAR, Fatih** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **AGASHE, Parag A.** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **PRAKASH, Rajat** [IN/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **KHANDEKAR, Aamod** [IN/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **PALANKI, Ravi** [IN/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(74) Agent: **CORIE, Florin C.**; Attn: International Ip Administration, 5775 Morehouse Drive, San Diego, California 92121 (US).

[Continued on next page]

(54) Title: PAGING AND ACCESS VIA DIFFERENT NODES

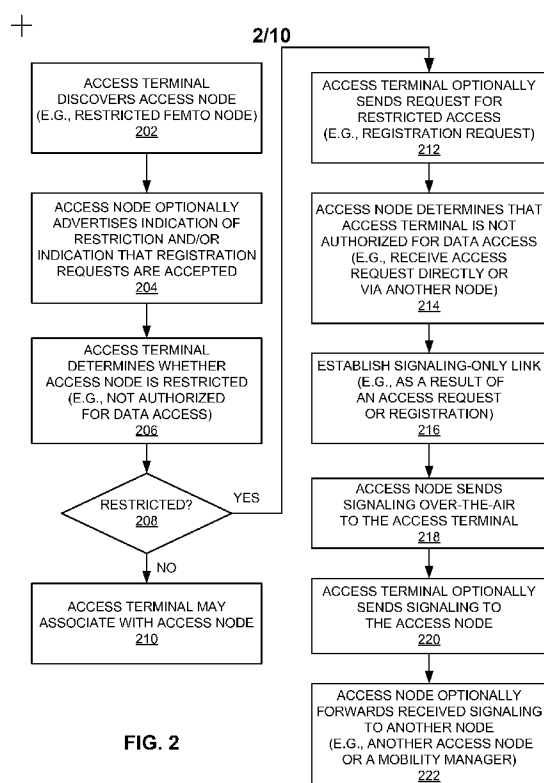


FIG. 2

(57) Abstract: Signaling-only access may be established with an access node (104) under certain circumstances such as, for example, upon determining that a node (102) is not authorized for data access at the access node (102). A node (104) that is not authorized for data access at an access node (104) may still be paged by the access node (104) through the use of signaling-only access. In this way, transmissions by the access node (104) may not interfere with the reception of pages at the node (302). A first node may be selected for providing paging (102) while a second node (106) is selected for access (304) under certain circumstances such as, for example, upon determining that the second node provides more desirable service than the first node.



(81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, 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, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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*