

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
7 August 2008 (07.08.2008)

PCT

(10) International Publication Number
WO 2008/095042 A3(51) International Patent Classification:
H04Q 7/38 (2006.01)

Arnab [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(21) International Application Number:
PCT/US2008/052531(74) Agent: **BACHAND, Richard A.**; 5775 Morehouse Drive, San Diego, California 92121 (US).

(22) International Filing Date: 30 January 2008 (30.01.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/887,342 30 January 2007 (30.01.2007) US

60/888,192 5 February 2007 (05.02.2007) 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): **PRAKASH, Rajat** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **ULUPINAR, Fatih** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US). **DAS,**

(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, 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,

[Continued on next page]

(54) Title: RESOURCE REQUESTS FOR A WIRELESS COMMUNICATION SYSTEM

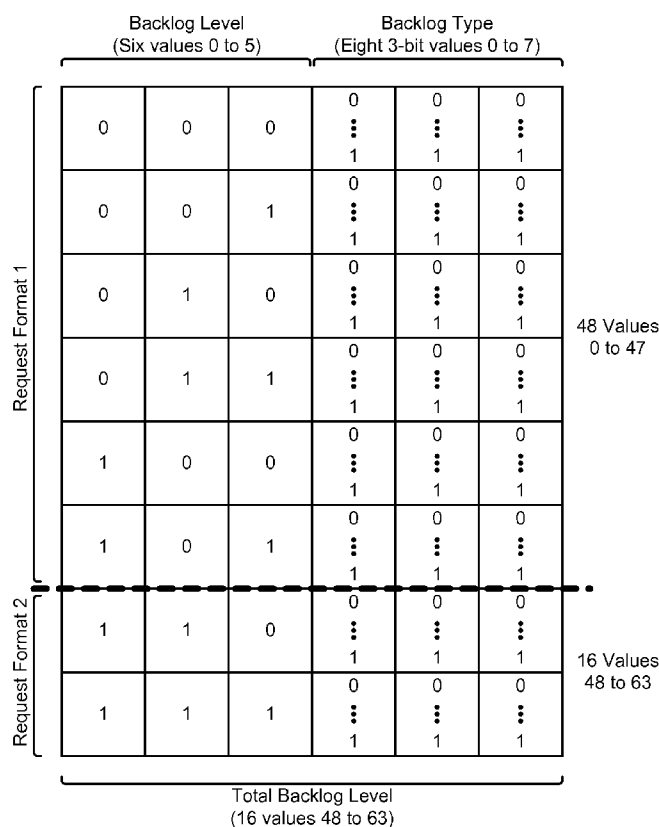


FIG. 4

(57) Abstract: Techniques for sending resource requests in a wireless communication system are described. Multiple types of quality of service (QoS) information may be supported for resource requests and may include QoS class and latency deadline. A terminal may have data to send on the reverse link and may determine QoS information for the data. The QoS information may include at least one QoS type, which may be dependent on a configuration selected for use to send resource requests. The terminal may also determine backlog level information indicative of the amount of data to send. The terminal may generate a resource request with the backlog level and QoS information. The resource request may include the backlog level information and QoS class information, the backlog level information and either QoS class information or latency deadline information, the backlog level information and latency deadline information, or some other combination of information.



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).

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*

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))*

(88) Date of publication of the international search report:
15 January 2009