

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 May 2008 (02.05.2008)

PCT

(10) International Publication Number
WO 2008/051868 A2

(51) International Patent Classification: **Not classified**

(21) International Application Number:
PCT/US2007/081998

(22) International Filing Date: 19 October 2007 (19.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/862,416 20 October 2006 (20.10.2006) US
11/870,294 10 October 2007 (10.10.2007) US

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

(72) Inventors; and

(75) Inventors/Applicants (for US only): **AHMAVAARA, Kalle, I.** [FI/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US). **NARAYANAN, Vidya** [IN/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US). **GRANZOW, Wolfgang** [DE/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(74) Agent: **BACHAND, Richard, A.**; 5775 Morehouse Drive, San Diego, CA 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, 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.

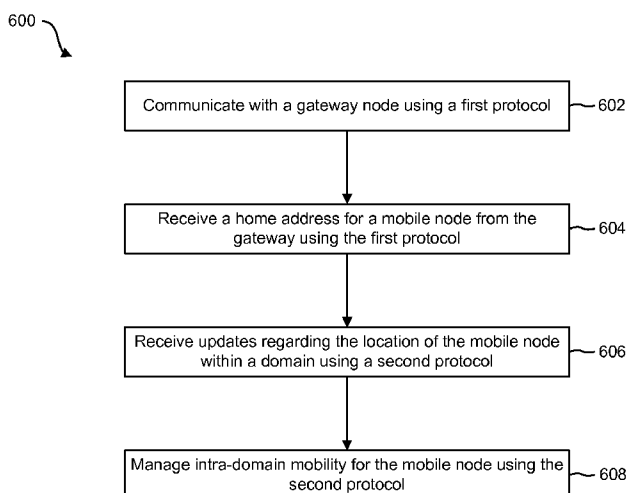
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, 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(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR USING INTERNET MOBILITY PROTOCOLS WITH NON INTERNET MOBILITY PROTOCOLS



(57) Abstract: A method for using Internet mobility protocols with non Internet mobility protocols is described. A first gateway node communicates with a second gateway node using a first protocol. The first protocol is a non Internet mobility protocol. A home address (HoA) for a mobile node is managed by the second gateway node. Updates regarding the location of the mobile node within a domain are received using a second protocol. The second protocol is an Internet mobility protocol. Intra-domain mobility for the mobile node is managed by the second gateway node using the second protocol.

WO 2008/051868 A2



Published:

- *without international search report and to be republished
upon receipt of that report*