

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 March 2008 (06.03.2008)

PCT

(10) International Publication Number
WO 2008/027918 A2

(51) International Patent Classification:

H04Q 7/38 (2006.01) **H04L** 27/26 (2006.01)
H04L 1/00 (2006.01)

(21) International Application Number:

PCT/US2007/077031

(22) International Filing Date: 28 August 2007 (28.08.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/511,950 28 August 2006 (28.08.2006) 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) Inventor; and

(75) Inventor/Applicant (for US only): **WANG, Michael Mao** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(74) Agents: **BACHAND, Richard A.** et al.; Attn: International Ip Administration, 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, 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).

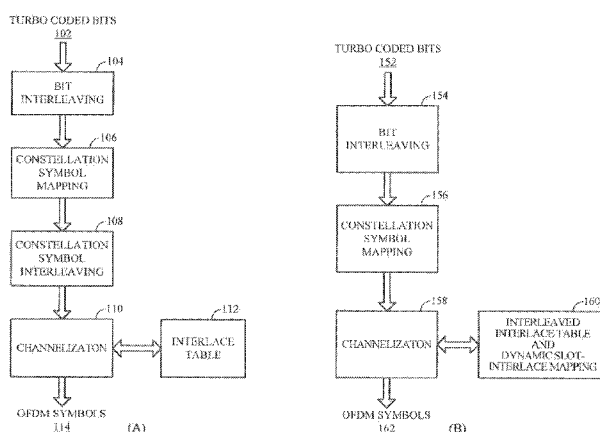
Declarations under Rule 4.17:

- 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))

Published:

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

(54) Title: METHOD AND APPARATUS FOR COMMUNICATING NETWORK IDENTIFIERS IN A COMMUNICATION SYSTEM



(57) Abstract: Method and apparatus for progressive preamble transmission in a communication system, such as a wireless system, is disclosed. In particular, a first symbol is utilized to communicate first timing information for coarse timing acquisition. A second symbol communicates first information including network identification information concerning a first network for fine timing acquisition of symbols in the first network. If a second network data is desired, a progressive or selectively utilizable third symbol communicates second information including network identification information concerning a second network. The network identification information concerning the second network includes network identification information concerning the first network to minimize processing to determine fine timing acquisition for the second network data.

WO 2008/027918 A2