

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/011134 A3

(51) International Patent Classification⁷: **H04Q 7/20**

Atwater Avenue, Apt. 116, Montreal, Québec H3H 2P2 (CA).

(21) International Application Number:

PCT/US2004/023100

(74) Agent: **BALLARINI, Robert, J.**; United Plaza, Suite 1600, 30 S. 17th Street, Philadelphia, PA 19103 (US).

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/487,980 17 July 2003 (17.07.2003) US

(71) Applicant (for all designated States except US): **INTER-DIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

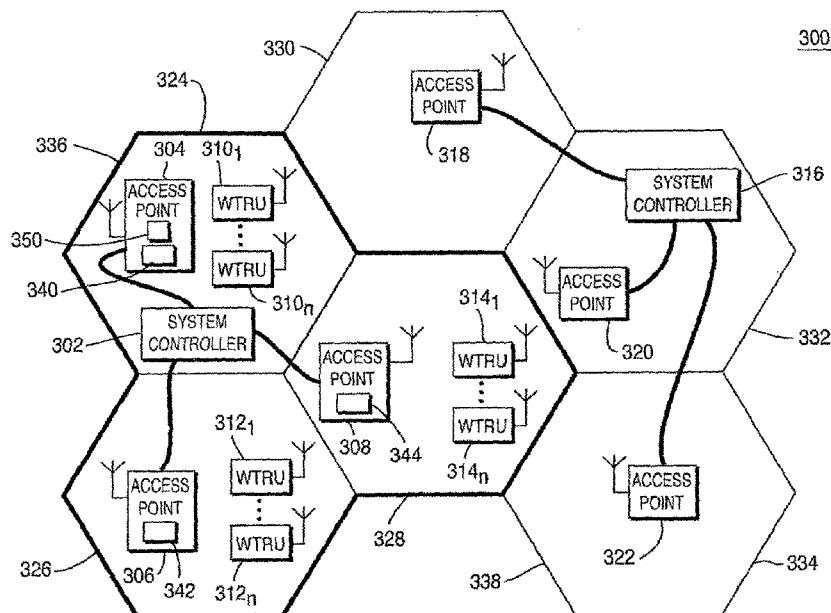
(72) Inventors; and

(75) Inventors/Applicants (for US only): **RUDOLF, Marian** [DE/CA]; 2046 Rue de la Visitation, Montreal, Québec H2L 3C7 (CA). **HUNKELER, Teresa** [CA/CA]; 4243 Wilson Avenue, Montreal, Québec H4C 2V1 (CA). **DICK, Stephen, G.** [US/US]; 61 Bobann Drive, Nesconset, NY 11767 (US). **RAHMAN, Shamin, Abkar** [CA/CA]; 2021

(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, IT, LU, 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).

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR DELIVERY OF ASSISTANCE DATA



(57) Abstract: A method and system is disclosed for providing assistance data to wireless transmit/receive units (WTRUs). The assistance data includes information regarding the access point's neighboring access points. The assistance data is transmitted to WTRUs using multicast and/or broadcast type signaling and facilitates ring and handover of WTRUs from one access point to another.

WO 2005/011134 A3



Published:

— with international search report

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.

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

26 May 2005