

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/048567 A3

(51) International Patent Classification⁷: **H04Q 7/24**,
H04J 3/22

(21) International Application Number:
PCT/US2004/034706

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/517,687 5 November 2003 (05.11.2003) US
10/882,569 1 July 2004 (01.07.2004) US

(71) Applicant (for all designated States except US): **INTER-DIGITAL TECHNOLOGY CORPORATION** [US/US];
300 Delaware Avenue, Suite 527, Wilmington, Delaware
19801 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RAHMAN, Shamim, Akbar** [CA/CA]; 1700 Rene-Levesque Blvd.,
Montreal, Québec H3H 2V1 (CA). **HUNKELER, Teresa, Joanne** [CA/CA]; 4243 Wilson Avenue, Montreal, Québec

H4A 2V1 (CA). **RUDOLF, Marian** [DE/CA]; 2046 Rue de la Visitation, Montreal, Québec H2L 3C7 (CA). **DICK, Stephen, G.** [US/US]; 61 Bobann Drive, Nesconset, New York 11767 (US).

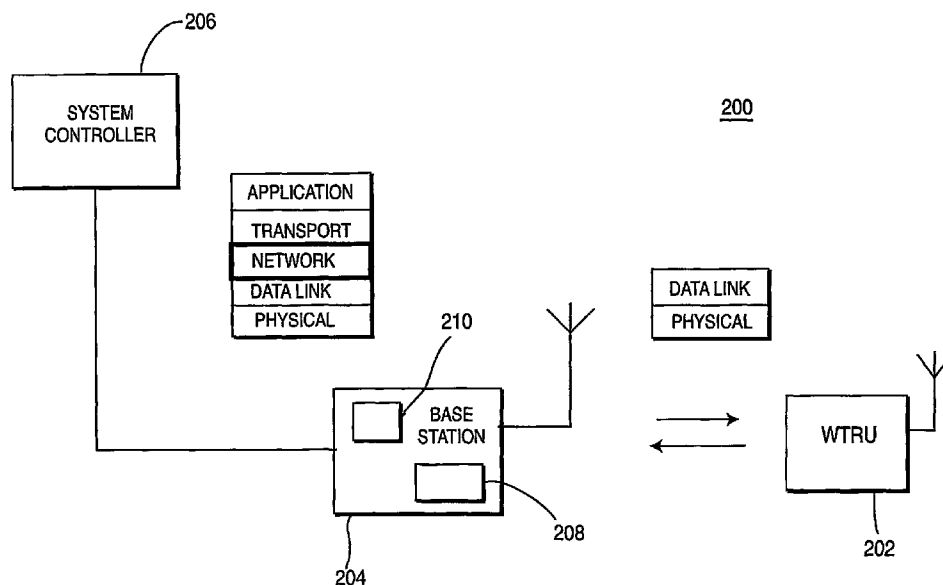
(74) Agent: **BALLARINI, Robert, J.**; Volpe and Koenig, P.C.,
United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(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.

(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),

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR PROVIDING INTELLIGENT REMOTE ACCESS TO WIRELESS TRANSMIT/RECEIVE UNITS



(57) Abstract: A method and system is disclosed for providing intelligent remote access to wireless transmit/receive units (WTRUs). A translator is provided in base stations so that system controllers may issue application level network management protocol messages to base stations. The messages are transmitted by the translator to a medium access control (MAC) messaging protocol and forwarded to WTRUs. Information provided by WTRUs to base stations is translated from a MAC protocol to an application level network management protocol so that the information may be accessed by system controllers using application level network management protocols.

WO 2005/048567 A3



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).

(88) Date of publication of the international search report:
3 November 2005

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*

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.