(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 May 2008 (08.05.2008)

PCT

(10) International Publication Number
WO 2008/054775 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2007/022986

(22) International Filing Date: 31 October 2007 (31.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/855,814 31 October 2006 (31.10.2006) US

(71) Applicant *(for all designated States except US)*: **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 3411 Silverside Road, Concord Plaza, Suite 105, Hagley Building, Wilmington, DE 19810 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **PANI, Diana** [CA/CA]; 1950 Lincoln Avenue, Apt. #1812, Montreal, H3H 2N8 (CA). **CAVE, Christopher, R.** [CA/CA]; 201 Chemin Du Golf, Apt. 304, Ile-des-soeurs (verdun), H3E 1Z4 (CA). **MARINIER, Paul** [CA/CA]; 1805 Stravinski, Brossard, J4X 2J7 (CA).

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

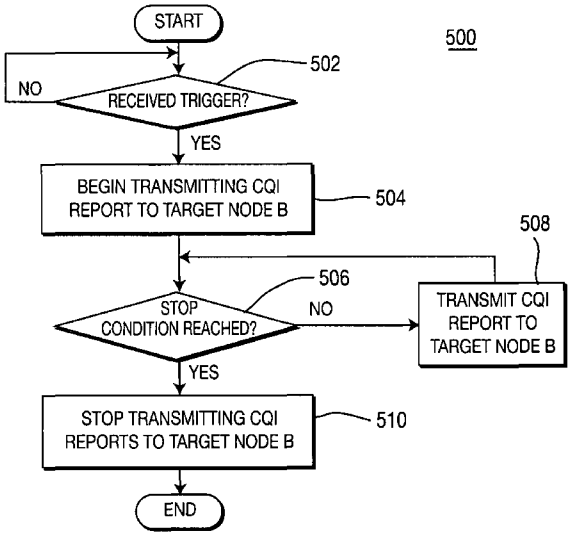
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, 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).

Published:

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

(54) **Title:** PROVIDING FEEDBACK INFORMATION TO TARGET NODE B DURING A SERVING CELL CHANGE



(57) **Abstract:** A method implemented in a wireless transmit/receive unit (WTRU) for transmitting a channel quality indication (CQI) report or other measurement report begins by receiving a trigger. A CQI report is transmitted to a handover target Node B until a stop condition is reached. The WTRU will stop transmitting CQI reports to the target Node B if the stop condition is reached. A WTRU configured to perform the method includes an antenna, a transmitter/receiver connected to the antenna, and a processor communicating with the transmitter/receiver, the processor configured to transmit the CQI report to the handover target Node B.

WO 2008/054775 A2