

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
11 March 2010 (11.03.2010)(10) International Publication Number
WO 2010/027647 A8(51) International Patent Classification:
H04B 7/04 (2006.01)Haidian District, Haidian District, Beijing, 100081 (CN).
LI, Guangjie [CN/CN]; 8F, Raycom Infotech Park A, No.2, Kexueyuan South Road, Zhong Guan Cun, Haidian District, Beijing, 100190 (CN).(21) International Application Number:
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18 August 2009 (18.08.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/093,699 2 September 2008 (02.09.2008) US
12/317,871 29 December 2008 (29.12.2008) US(71) Applicant (for all designated States except US): **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

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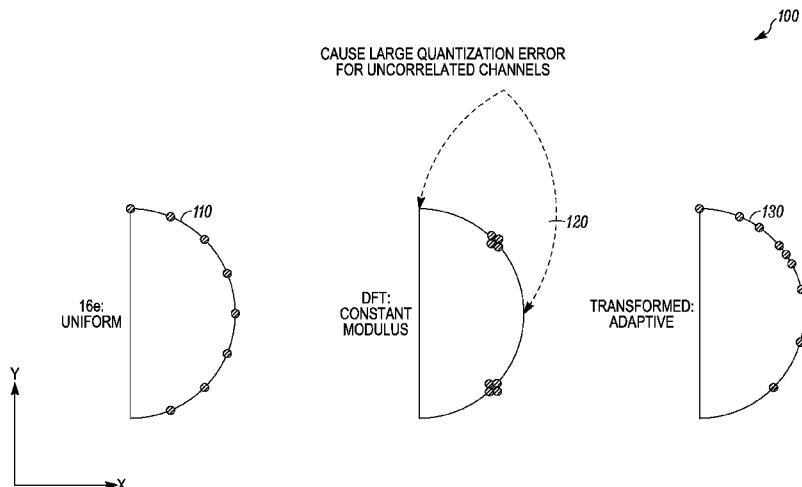
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, 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, NL, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: TECHNIQUES UTILIZING ADAPTIVE CODEBOOKS FOR BEAMFORMING IN WIRELESS NETWORKS

**FIG. 1**

(57) Abstract: An embodiment of the present invention provides a method, comprising using an adaptive codebook for beamforming for communications in wireless networks.

Published:

- *with international search report (Art. 21(3))*
- *with information concerning incorporation by reference of missing parts and/or elements (Rule 20.6)*

(48) Date of publication of this corrected version:

21 October 2010

(15) Information about Correction:
see Notice of 21 October 2010