

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 May 2007 (10.05.2007)

PCT

(10) International Publication Number
WO 2007/053840 A3

- (51) International Patent Classification:
H04L 1/00 (2006.01) *H04B 7/26* (2006.01)
- (21) International Application Number:
PCT/US2006/060411
- (22) International Filing Date: 31 October 2006 (31.10.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/732,418 31 October 2005 (31.10.2005) US
11/553,446 26 October 2006 (26.10.2006) US
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- (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, GT, HN, HR, HU, ID, IL, IN, IS,

JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, 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, 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))

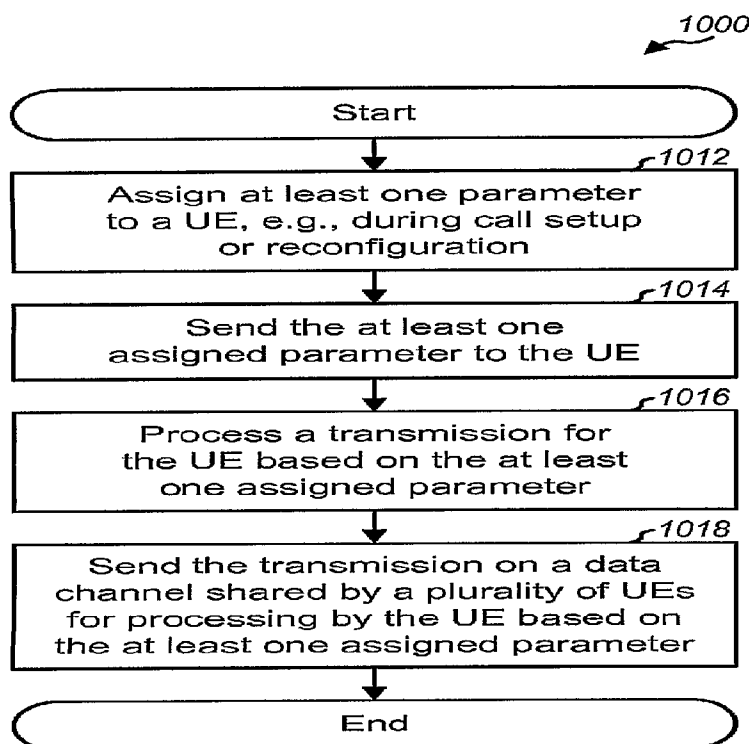
Published:

- 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

- (88) Date of publication of the international search report:
16 August 2007

[Continued on next page]

(54) Title: EFFICIENT TRANSMISSION ON A SHARED DATA CHANNEL FOR WIRELESS COMMUNICATION



(57) Abstract: Techniques for efficient data transmission and reception in a wireless communication system are described. In an aspect, a Node B sends transmissions on a shared data channel to a user equipment (UE) based on at least one parameter assigned to the UE prior to the transmissions. The Node B sends no signaling for the transmissions sent to the UE on the shared data channel. The UE processes the transmissions received from the shared data channel based on the assigned parameter(s). In another aspect, a Node B may send transmissions to a UE in time intervals assigned to the UE. In yet another aspect, a Node B may send transmissions to a UE based on assigned or non-assigned parameters. The Node B sends signaling whenever transmissions are sent with non-assigned parameters. The UE may process a transmission based on parameters obtained from received signaling or the assigned parameters.



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