



- (51) **International Patent Classification:**
H04L 5/00 (2006.01)
- (21) **International Application Number:**
PCT/US2022/039150
- (22) **International Filing Date:**
02 August 2022 (02.08.2022)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/229,719 05 August 2021 (05.08.2021) US
- (71) **Applicant:** **BELJING XIAOMI MOBILE SOFTWARE CO., LTD.** [CN/CN]; No.018, Floor 8, Building 6, Yard 33, Middle Xierqi Road, Haidian District, Beijing 100085 (CN).
- (72) **Inventors:** **CIRIK, Ali** Cagatay; 11091 Sunset Hills Road, Suite #510, Reston, Virginia 20190 (US). **ZHOU, Hua**; 11091 Sunset Hills Road, Suite #510, Reston, Virginia 20190 (US). **DINAN, Esmael Hejazi**; 11091 Sunset Hills Road, Suite #510, Reston, Virginia 20190 (US). **YI, Yun-**

jung; 11091 Sunset Hills Road, Suite #510, Reston, Virginia 20190 (US).

- (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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM,

- (54) **Title:** BEAM MANAGEMENT USING A REFERENCE CELL

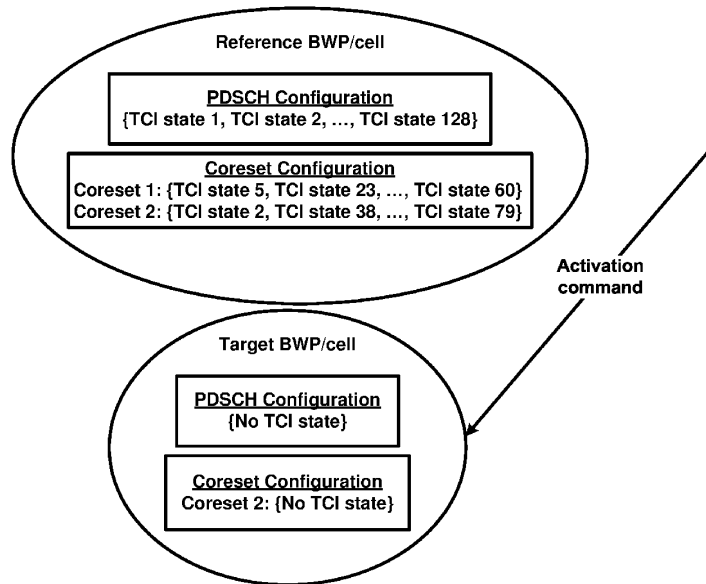


FIG. 17

- (57) **Abstract:** A wireless device may receive one or more configuration parameters, of a target cell, indicating transmission configuration indicator (TCI) states of a reference cell for the wireless device to use for downlink receptions via the target cell. In response to the reference cell being deactivated, the wireless device may deactivate the target cell.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Published:

- *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*