



(51) International Patent Classification:
H04W 72/12 (2009.01)

(21) International Application Number:
PCT/CN2021/112897

(22) International Filing Date:
17 August 2021 (17.08.2021)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant: **ZTE CORPORATION** [CN/CN]; ZTE Plaza,
Keji Road South, Hi-Tech Industrial Park, Nanshan, Shen-
zhen, Guangdong 518057 (CN).

(72) Inventors: **GAO, Bo**; ZTE Plaza, Keji Road South, Hi-
Tech Industrial Park, Nanshan, Shenzhen, Guangdong
518057 (CN). **LU, Zhaohua**; ZTE Plaza, Keji Road South,
Hi-Tech Industrial Park, Nanshan, Shenzhen, Guangdong
518057 (CN). **YAO, Ke**; ZTE Plaza, Keji Road South,
Hi-Tech Industrial Park, Nanshan, Shenzhen, Guang-
dong 518057 (CN). **ZHANG, Shujuan**; ZTE Plaza, Keji
Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen,

Guangdong 518057 (CN). **JIANG, Chuangxin**; ZTE Plaza,
Keji Road South, Hi-Tech Industrial Park, Nanshan, Shen-
zhen, Guangdong 518057 (CN).

(74) Agent: **BEYOND ATTORNEYS AT LAW**; F6, Xijin
Centre, 39 Lianhuachi East Rd., Haidian District, Beijing
100036 (CN).

(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, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, 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,

(54) Title: SENSING INFORMATION ASSISTED BEAM MANAGEMENT

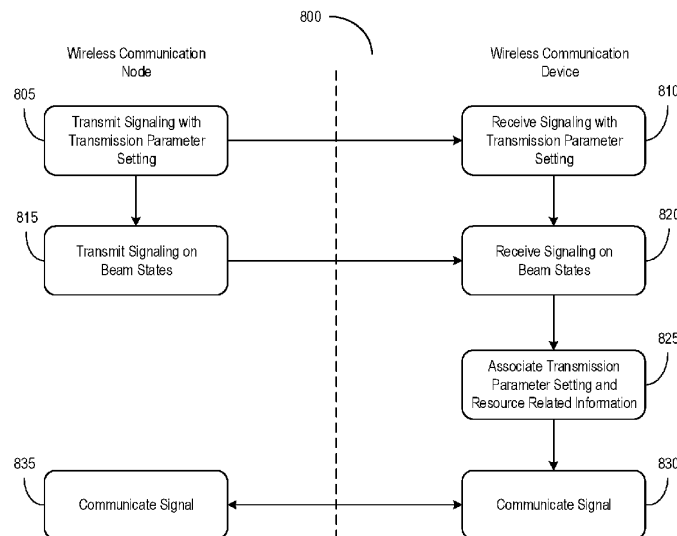


FIG. 8

(57) Abstract: Presented are systems, methods, apparatuses, or computer-readable media for performing sensing information assisted beam management. A wireless communication device may receive, from a wireless communication node, a first signaling that includes a transmission parameter setting. The wireless communication device may associate the transmission parameter setting and resource related information. The wireless communication device may communicate with the wireless communication node, a signal according to the resource related information.

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

Published:

— *with international search report (Art. 21(3))*