



- (51) **International Patent Classification:**
H04W 24/10 (2009.01) *H04W 64/00* (2009.01)
- (21) **International Application Number:**
PCT/US2024/015588
- (22) **International Filing Date:**
13 February 2024 (13.02.2024)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/445,581 14 February 2023 (14.02.2023) US
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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, 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,

(54) **Title:** LTM MEASUREMENT PARAMETER DETERMINATION BASED ON HEIGHT, SPEED, OR LOCATION CONDITION

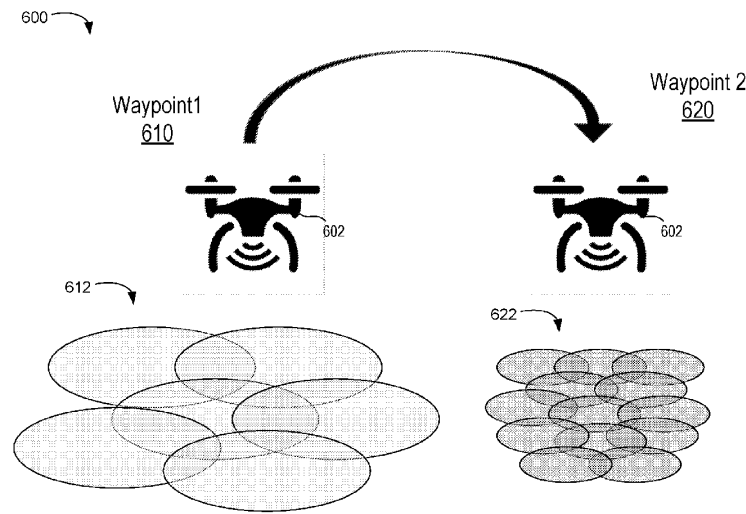


FIG. 6

(57) **Abstract:** A wireless transmit/receive unit (WTRU) may be configured to receive configuration information from a network that indicates a first set of layer 1/layer 2 triggered mobility (LTM) measurement parameters and a second set of LTM measurement parameters to be applied when performing measurements associated with a beam. The WTRU may be configured to receive an indication of a condition associated with a height of the WTRU, a speed of the WTRU, and/or a location of the WTRU. The WTRU may be configured to measure the beam using the first set of LTM measurement parameters when the condition is not met or using the second set of LTM measurement parameters when the condition is met. The WTRU may be configured to send the beam measurements to the network based on the condition.

[Continued on next page]

KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))