



(51) International Patent Classification:

H04W 36/30 (2009.01) H04W 36/00 (2009.01)
H04W 16/28 (2009.01) H04W 72/04 (2009.01)

(21) International Application Number:

PCT/US2017/051515

(22) International Filing Date:

14 September 2017 (14.09.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/405,757 07 October 2016 (07.10.2016) US
15/703,555 13 September 2017 (13.09.2017) US

(71) Applicant: QUALCOMM INCORPORATED [US/US];
ATTN: International IP Administration, 5775 Morehouse
Drive, San Diego, California 92121-1714 (US).

(72) Inventors: NAGARAJA, Sumeeth; 5775 Morehouse Drive,
San Diego, California 92121-1714 (US). LUO, Tao;
5775 Morehouse Drive, San Diego, California 92121 (US).
AKKARAKARAN, Sony; 5775 Morehouse Drive, San
Diego, California 92121-1714 (US). JOHN WILSON,
Makesh Pravin; 5775 Morehouse Drive, San Diego, Cali-
fornia 92121-1714 (US).

(74) Agent: DETJEN, Puja S. et al.; Patterson & Sheridan,
L.L.P., 24 Greenway Plaza, Suite 1600, Houston, Texas
77046-2472 (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, 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, 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, SM, ST, SV, SY, TH, 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, 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,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

(54) Title: REFERENCE BEAM FOR EVENT TRIGGER IN MOBILITY MANAGEMENT

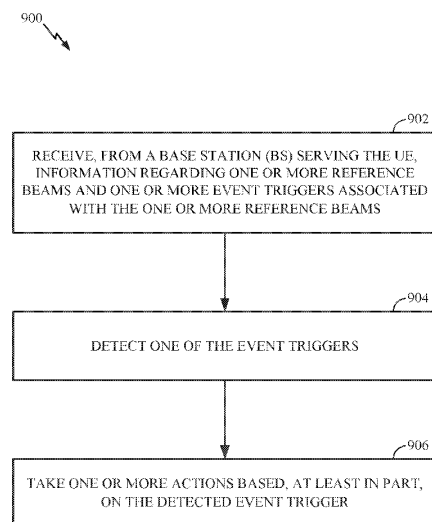


FIG. 9

(57) Abstract: Certain aspects of the present disclosure provide techniques for supporting mobility management in a wireless communication system employing beams. A UE may receive, from a BS serving the UE, information regarding one or more reference beams and one or more event triggers associated with the one or more reference beams. The UE may detect one of the event triggers and may take one or more actions based, at least in part, on the detected event trigger.

Published:

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