



- (51) International Patent Classification:
H04W 76/02 (2009.01)
- (21) International Application Number:
PCT/CN2014/076554
- (22) International Filing Date:
30 April 2014 (30.04.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/886,112 2 May 2013 (02.05.2013) US
- (71) Applicant: **HUAWEI TECHNOLOGIES CO., LTD.**
[CN/CN]; Huawei Administration Building, Bantian,
Longgang, Shenzhen, Guangdong 518129 (CN).
- (72) Inventors: **DJUKIC, Petar**; 1071 Ambleside Drive
Apt.960, Ottawa, Ontario K2B 6V4 (CA). **AU, Kelvin Kar
Kin**; 233 Tandalee Cres., Kanata, Ontario K2M 0A2 (CA).
ZHANG, Liqing; 19 Brookstone Street, Ottawa, Ontario
K2G 6T6 (CA). **MA, Jianglei**; 3 Bon Echo Cres., Ottawa,
Ontario K2M 2W5 (CA).
- (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, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, 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, 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).

Declarations under Rule 4.17:

- *as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))*

Published:

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

(54) Title: SYSTEM AND METHOD FOR TRANSMISSION SOURCE IDENTIFICATION

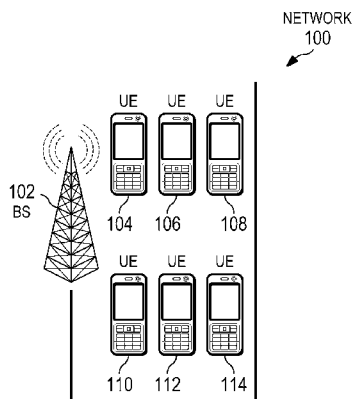


FIG. 1

(57) Abstract: A method embodiment includes receiving, by a first network device, a first transmission comprising an explicit first source identification (ID). The first source ID is added to a list of active source IDs. The first network device receives a second transmission. The second transmission does not include an explicit second source ID. The first network device determines the second source ID by using the list of active source IDs.

