

(51) International Patent Classification:
H04B 7/14 (2006.01)(21) International Application Number:
PCT/CN2013/088127(22) International Filing Date:
29 November 2013 (29.11.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/734,818 7 December 2012 (07.12.2012) US
14/073,028 6 November 2013 (06.11.2013) US(71) Applicant: **HUAWEI TECHNOLOGIES CO., LTD.**
[CN/CN]; Huawei Administration Building, Bantian,
Longgang, Shenzhen, Guangdong 518129 (CN).(72) Inventors: **KWON, Younghoon**; 7273 Canyon Glen
Court, San Diego, California 92129 (US). **YANG, Yun-
song**; 705 Blaine Court, Apt.1508, Schaumburg, Illinois
60173 (US). **RONG, Zhigang**; 13565 Silver Ivy Ln., San
Diego, California 92129 (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, 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: SYSTEMS AND METHODS FOR PACKET RELAYING

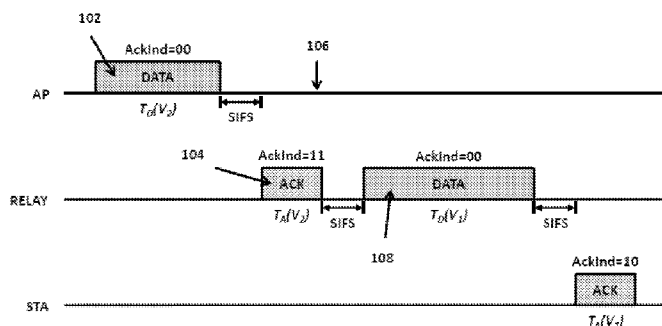


Fig. 1

(57) Abstract: System and method embodiments are provided for packet relaying. The embodiments enable reduced network traffic. In an embodiment, a method in a wireless network component for packet relaying includes transmitting a first data packet comprising data to a relay station, wherein the first data packet comprises an identification (ID) of the target wireless device wherein the data packet is intended for a target wireless device, wherein the relay station is configured to forward the data in the first data packet to the target wireless device without sending an acknowledgement back to the wireless network component; receiving a second data packet transmitted by the relay station; and determining whether a receiver ID of the second data packet corresponds to the target wireless device, wherein the wireless network component considers the transmission successful if the receiver ID of the second data packet corresponds to the target wireless device.