



(51) International Patent Classification:

H04W 36/14 (2009.01) *H04W 48/16* (2009.01)
H04W 36/32 (2009.01) *H04W 88/06* (2009.01)

(21) International Application Number:

PCT/US2012/032431

(22) International Filing Date:

5 April 2012 (05.04.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13/082,279 7 April 2011 (07.04.2011) 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, 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, IS, JP, KE, KG, KM, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.

[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR FACILITATING EFFICIENT VERTICAL HANDOFFS IN A WIRELESS COMMUNICATION SYSTEM

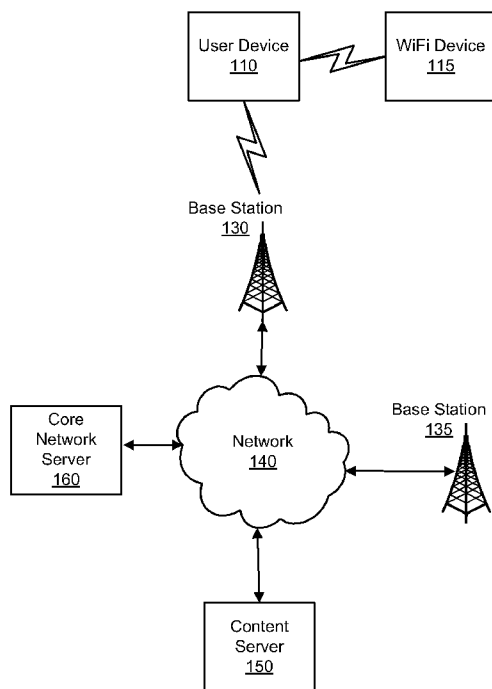


FIG. 1

(57) Abstract: Systems and methods are provided for performing efficient vertical handoffs in a wireless user device are provided. The user device can comprise a mobile phone, computer table, handheld computer, or other computer system capable of connecting to more than one mobile wireless network that use different wireless communication protocols. Various efficient scanning methods are disclosed that are efficient in terms of battery usage, thermal performance, processing power, throughput performance, or a combination thereof.



(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, MD, 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, 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)*)

(88) Date of publication of the international search report:

31 January 2013

A. CLASSIFICATION OF SUBJECT MATTER***H04W 36/14(2009.01)i, H04W 36/32(2009.01)i, H04W 48/16(2009.01)i, H04W 88/06(2009.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04W 36/14; H04B; H04B 1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: scan, execute, collect wireless communicate

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2004-075423 A2 (MOTOROLA INC. et al.) 02 September 2004 See abstract; fig. 7; claims 1-10.	1-29
A	US 2007-0053410 A1 (PAETRI H. MAHONEN. et al.) 06 March 2007 See abstract; figs. 1-4; claims 30-44.	1-29



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

29 NOVEMBER 2012 (29.11.2012)

Date of mailing of the international search report

30 NOVEMBER 2012 (30.11.2012)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2012/032431

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