



(51) International Patent Classification:

H04W 48/10 (2009.01) *H04W* 4/00 (2009.01)
H04W 12/06 (2009.01) *H04W* 88/18 (2009.01)

(21) International Application Number:

PCT/US2012/038600

(22) International Filing Date:

18 May 2012 (18.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/487,549	18 May 2011 (18.05.2011)	US
61/491,431	31 May 2011 (31.05.2011)	US
61/547,271	14 October 2011 (14.10.2011)	US
13/296,661	15 November 2011 (15.11.2011)	US
13/296,687	15 November 2011 (15.11.2011)	US

(71) Applicant (for all designated States except US): **RADIUS NETWORKS, INC.** [US/US]; Suite 703, 1445 P Street NW, Washington, District of Columbia 20005 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BRADISH, Stillman** [CA/US]; 208 E. 51st Street, #130, New York, New York

10022 (US). **SMITH, Scott A.** [US/US]; 620 Renaissance Way, Delray Beach, Florida 33483 (US).

(74) Agents: **HANSEN, Robert** et al.; The Marbury Law Group, PLLC, 11800 Sunrise Valley Drive, 15th Floor, Reston, Virginia 20191 (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, 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.

(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,

[Continued on next page]

(54) Title: A SYSTEM AND METHOD FOR REGISTERING NETWORK INFORMATION STRINGS

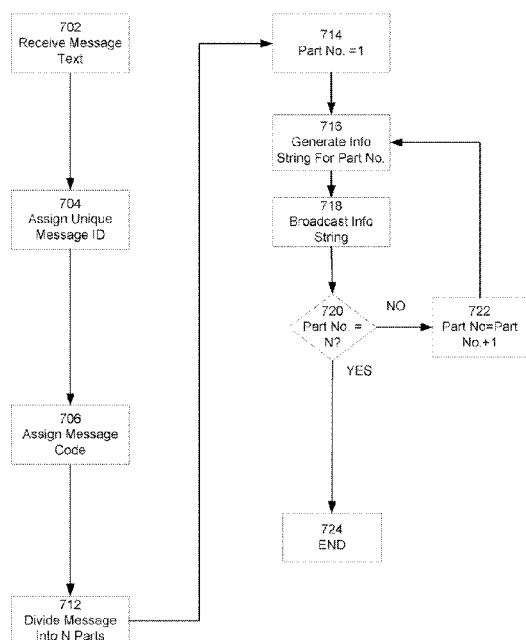


FIG. 7

(57) Abstract: A system and method for registering network information strings. An information string server device receives a request to register a network information string from a computing device. The network information string may be included in a message broadcast by a string broadcast station. The information string server device determines whether the network information string has been previously registered with the information string server device. The information string server device stores the network information string in a record of an information string datastore when the network information string has not been previously registered with the information string server device. A registration acceptance message may be sent by the information string server device to the computing device when the network information string has not been previously registered with the information string server device.



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))*

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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

21 February 2013

A. CLASSIFICATION OF SUBJECT MATTER***H04W 48/10(2009.01)i, H04W 12/06(2009.01)i, H04W 4/00(2009.01)i, H04W 88/18(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 48/10; G06F 17/30; H04M 1/66

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: network name identifier, service set identifier, SSID, MAC address, network information string, content, owner right, register

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007-0066280 A1 (YASUYUKI ARAI) 22 March 2007 See paragraphs [0033]-[0039]; figures 5, 6.	1-16
A	US 2007-0204350 A1 (HENRY E. JUSZKIEWICZ) 30 August 2007 See abstract; paragraphs [0014]-[0017]; claims 1, 2, 14, 15.	1-16



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

20 NOVEMBER 2012 (20.11.2012)

Date of mailing of the international search report

23 NOVEMBER 2012 (23.11.2012)

Name and mailing address of the ISA/KR

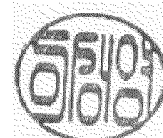
Korean Intellectual Property Office
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan
City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

Lee Seoung Young

Telephone No. 82-42-481-8591



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2012/038600

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007-0066280 A1	22.03.2007	JP 04-722641 B2 JP 2007-088728 A JP 4722641 B2	15.04.2011 05.04.2007 13.07.2011
US 2007-0204350 A1	30.08.2007	WO 2007-098403 A2 WO 2007-098403 A3	30.08.2007 30.08.2007