

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 February 2008 (21.02.2008)

PCT

(10) International Publication Number
WO 2008/022283 A3

(51) International Patent Classification:
H04Q 7/22 (2006.01)

Robert, G., Jr. [US/US]; 1141 8th Street West, Kirkland, Washington 98033 (US).

(21) International Application Number:
PCT/US2007/076142

(74) Agents: DONOHUE, Michael, J. et al.; 1201 Third Avenue, Suite 2200, Seattle, Washington 98101-3045 (US).

(22) International Filing Date: 16 August 2007 (16.08.2007)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/465,412 17 August 2006 (17.08.2006) US

(71) Applicant (for all designated States except US): EAGLE RIVER HOLDINGS LLC [US/US]; 2300 Carillon Point, Kirkland, Washington 98033 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

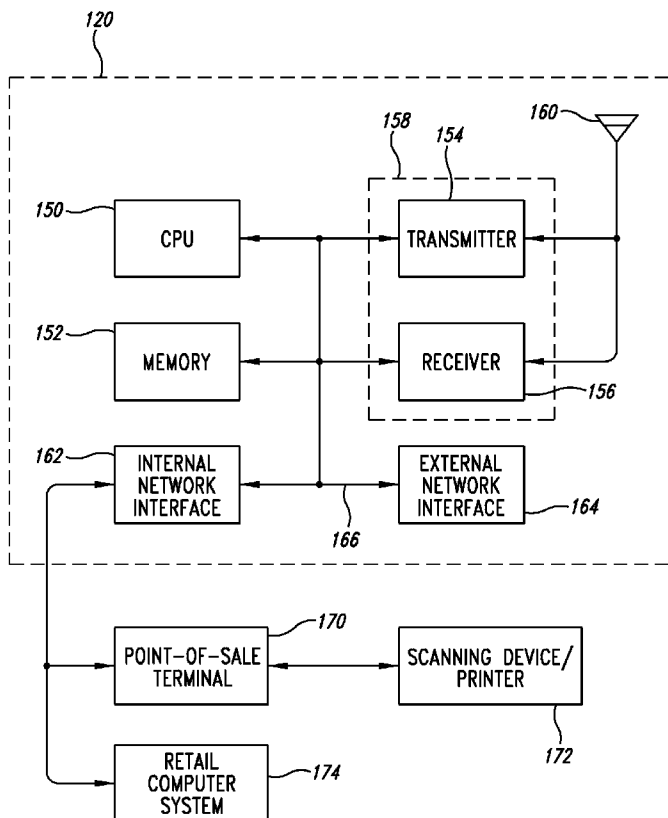
(72) Inventor; and

(75) Inventor/Applicant (for US only): MECHALEY,

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR WIRELESS TRANSACTIONS

(57) Abstract: A system and method for using a consumer wireless device (142) in retail transactions utilizes a fixed communication device (120) that functions as a base station for the consumer wireless device (142). The fixed communication device (120) has a limited coverage zone. When a consumer wireless device (142) comes within the coverage zone of the fixed communication device (120), the consumer wireless device (142) selects the fixed communication device (120) as the preferred base station and initiates a registration with that base station. The consumer wireless device (142) is uniquely identified with ID data transmitted by the consumer wireless device (142) to the fixed communication device (120). The unique identification is subsequently used in the process of completing a transaction.



WO 2008/022283 A3



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
18 December 2008

Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/76142

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **H04Q 7/22(2006.01)**

USPC: 455/414.1
 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)
 U.S. : 455/414.1

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 7,209,733 B2 (ORTIZ et al) 24 April 2007 (24.04.2007), col. 3, line 60-col. 32, line 58.	1-56
A	US 5,942,978 A (SHAFER) 24 August 1999 (24.08.1999), col. 1, line 10-col. 14, line 56.	1-56

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	"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
"E" earlier application or patent published on or after the international filing date.	"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
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 01 September 2008 (01.09.2008)	Date of mailing of the international search report 02 OCT 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer TEMICA M. BEAMER <i>F. Roberts for</i> Telephone No. (703) 306-0377