

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 December 2007 (13.12.2007)

PCT

(10) International Publication Number
WO 2007/143253 A3

- (51) **International Patent Classification:**
H04L 12/28 (2006.01) **H04Q 7/20** (2006.01)
- (21) **International Application Number:**
PCT/US2007/064881
- (22) **International Filing Date:** 26 March 2007 (26.03.2007)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
11/421,014 30 May 2006 (30.05.2006) US
- (71) **Applicant (for all designated States except US):** **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **MOCK, Von, A.** [US/US]; 8114 Rose Marie Circle, Boynton Beach, Florida 33437 (US). **BARROS, Mark, A.** [US/US]; 3542 Old Lighthouse, Wellington, Florida 33414 (US). **DAI, Zhuo-ming** [CN/CN]; 3-402, #5 GuangZhou Road,

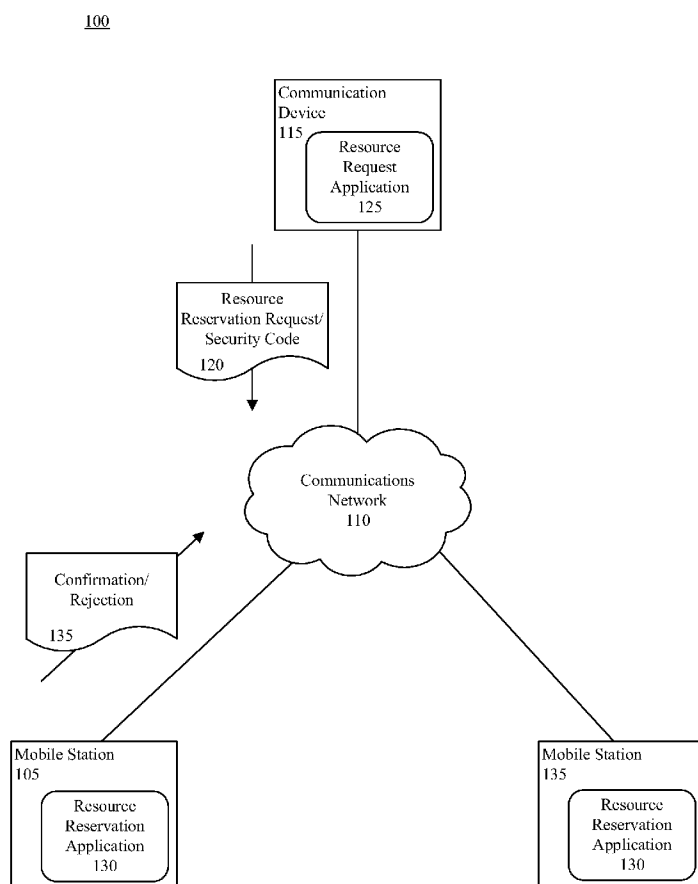
Nanjing Jiangsu 210008 (CN). **PERDOMO, Jorge, L.** [US/US]; 20889 Encanto Court, Boca Raton, Florida 33433 (US). **PICHARDO, Luis, A.** [US/US]; 6119 S.W. 32ND Street, Miramar, Florida 33023 (US). **ZHU, Xiao-feng** [CN/CN]; No. 218 West Hanzhong Gate, A.V. Apt. 04B601, Nanjing Jiangsu 210036 (CN).

- (74) **Agents:** **BROWN, Larry, G.** et al.; 8000 West Sunrise Boulevard, Room 1610, Plantation, Florida 33322 (US).
- (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, 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, 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.

- (84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH,

[Continued on next page]

(54) **Title:** RESERVATION OF MOBILE STATION COMMUNICATION RESOURCES



(57) **Abstract:** A method (300) for allocating mobile station resources. The method can include receiving a message (120) over a wireless communications network (110) from an authorized user requesting reservation of communication resources on the mobile station (105), and automatically reserving the mobile station communication resources in accordance with the request. Receiving the message over the wireless communications network can include receiving the message on a slave mobile station. The message can be received from a master mobile station (115). In one arrangement the message can include a mobile station calendar entry. The calendar entry can be received in response to initiating a call on the mobile station. The call can be, for example, a selective dynamic group (SDG) call.

WO 2007/143253 A3



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, 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).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

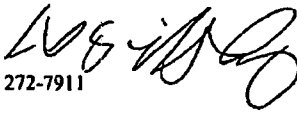
(88) Date of publication of the international search report:

6 November 2008

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/64881

A. CLASSIFICATION OF SUBJECT MATTER												
IPC: H04L 12/28(2006.01);H04Q 7/20(2006.01)												
USPC: 370/235;455/435.2,411												
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. : 370/235; 455/435.2,411												
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	2004/0047282 A1 (du CREST et al) 11 March 2004 (11.04.2004), [0002],[0004],[0006],[0007],[0013],[0018],[0022],[0027], [0036],[0048],[0049],[0055],[0056].	1-10										
X	US 6,970,705 B2 (YOSHIMOTO et al) 29 November 2005 (29.11.2005), column 1, lines 30-40, column 3, lines 2-27, column 3 line 51 to column 4, line 9, column 4, line 51 to column 6, line 54, column 8, lines 34-67, column 13, lines 25-63	1-10										
☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.												
* Special categories of cited documents: <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"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</td> </tr> <tr> <td>"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)</td> <td>"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</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"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	
"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 22 July 2008 (22.07.2008)		Date of mailing of the international search report 22 SEP 2008										
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner of Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Nghi H. Ly  Telephone No. (571) 272-7911										