(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 4 November 2004 (04.11.2004)

PCT

(10) International Publication Number WO 2004/095753 A3

(51) International Patent Classification⁷:

H04M 3/00

(21) International Application Number:

PCT/US2004/010070

(22) International Filing Date: 30 March 2004 (30.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/418,457 17 April 2003 (17.04.2003)

(71) Applicant (for all designated States except US): MO-TOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): ADWANKAR, Sandeep, M. [IN/US]; 1224 East Algonquin Road, #3S, Schaumburg, IL 60173 (US). NARASIMHAN, Nitva [IN/US]; 1919 Prairie Square, #304, Schaumburg, IL 60173 (US). VASUDEVAN, Venugopal [US/US]; 4741 Fairfax Avenue, Palatine, IL 60067 (US).
- (74) Agents: WATANABE, Hisashi, David et al.; 600 North US Highway 45, Libertyville, IL 60048 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, 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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, 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, IT, LU, MC, 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

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

13 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD AND APPARATUS FOR MANAGING WIRELESS MOBILE TERMINALS

(57) Abstract: A method and system for managing a terminal management system including a terminal management network element (100) and at least one wireless terminal (20). The terminal management network element (100) includes a wireless terminal condition based control information generator (120) that generates wireless terminal condition based control information (20) represented by extensible markup language code. The wireless terminal condition based control information (20) includes selected action data (46) based on selectable action data (820) associated with a terminal management action to execute on at least one wireless mobile terminal (22), selected condition data (42) based on selectable condition data (840) wherein the selected condition data (42) is associated with the selected action data (46), and selected attribute data (44) based on selectable attribute data wherein the selected attribute data (44) is associated with the selected action data (46). A wireless terminal condition based controller (30) executes the terminal management action if the selected condition (42) data associated with the terminal management action is satisfied.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/10070

		<u></u>		
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04M 3/00 US CL 455/410				
US CL : 455/419				
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.: 455/419				
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) East				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a		Relevant to claim No.	
A	US 2003/0036395 A1 (PROIDL) 20 February 2003 [0006][0008].	(20.02.2003), paragraphs	1-25	
A	US 2002/0061744 A1 (HAMALAINEN et al.) 23 M [0029][0030][0034][0038].	Iay 2002 (23.05.2002), paragraphs	1-25	
•				
		·		
		,		
	l .			
			!	
Further	documents are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: "T" "A" document defining the general state of the art which is not considered to be of particular relevance		"T" later document published after the inter date and not in conflict with the applica the principle or theory underlying the i	tion but cited to understand	
-	plication or patent published on or after the international filing	considered novel or cannot be consider	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" documen	which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the considered to involve an inventive step		
specified		combined with one or more other such being obvious to a person skilled in the	documents, such combination	
"P" document published prior to the international filing date but later than the		"&" document member of the same patent family		
Date of the actual completion of the international search Date		Date of mailing of the international search	h report	
29 September 2004 (29.09.2004)			, ()	
Name and mailing address of the ISA/US Authorized of fice V 1/2004				
Mail Stop PCT, Attn: ISA/US			<i>[N]</i>	
Commissioner for Patents P.O. Box 1450		Huy Nguyen		
	. Box 1450 kandria, Virginia 22313-1450	relephone No. 703-305-3283	יוי ע	
Facsimile No. (703) 305-3230				