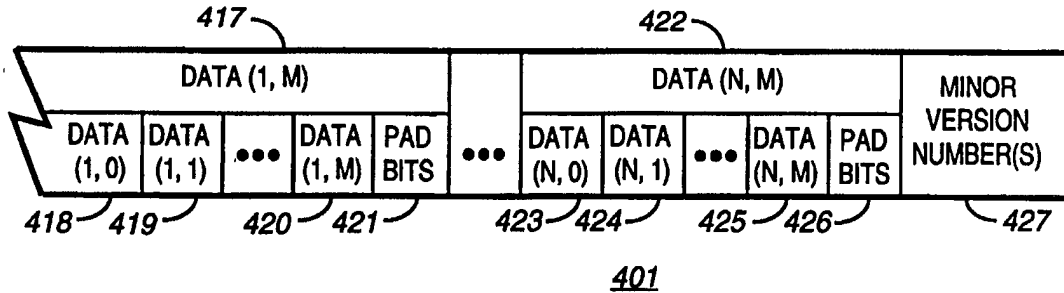




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : H04Q 7/00, 7/14</p>	<p>A3</p>	<p>(11) International Publication Number: WO 98/39930 (43) International Publication Date: 11 September 1998 (11.09.98)</p>
<p>(21) International Application Number: PCT/US98/03320 (22) International Filing Date: 18 February 1998 (18.02.98) (30) Priority Data: 60/038,715 7 March 1997 (07.03.97) US 08/886,102 30 June 1997 (30.06.97) US (71) Applicant: MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). (72) Inventors: KAMPE, Frederick, Loring; 10673 Mandya Court, Boynton Beach, FL 33437 (US). SMITH, Scott, Christopher; 2604 Sulphur, St. Louis, MO 63139 (US). DOREN-BOSCH, Jheroen, Pieter; Route 1, Box 79F, Paradise, TX 75165 (US). NELMS, Robert, Nathan; P.O. Box 1491, Boynton Beach, FL 33425-1491 (US). (74) Agents: NICHOLS, Daniel, K. et al.; Motorola, Inc., Intellectual Property Dept., MS96 1550 Gateway Boulevard, Boynton Beach, FL 33426 (US).</p>		<p>(81) Designated States: BR, CA, CN, KR, MX. Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 29 October 1998 (29.10.98)</p>

(54) Title: RELIABLY UPDATING AN INFORMATION SERVICE MESSAGE



(57) Abstract

A selective call device (130) has a receiver (204) for receiving a selective call signal including an address (312). An address correlator (214) coupled to a decoder (212) determines that the selective call signal is directed thereto and determines whether the selective call signal includes an update command (400, 500). The update command includes a major version number (406, 506), topic numbers associated with sub-message(s) stored in the selective call device, update data associated with each topic number for updating the sub-messages, and minor version numbers (427, 527) associated with each topic number. The major version number is incremented when a sub-message template is changed. Minor version numbers are incremented after each update. The selective call device updates a sub-message with update data only if the update command includes a current major version number and an incremented minor version number.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece			TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	NZ	New Zealand		
CM	Cameroon			PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/03320

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(6) :H04Q 7/00, 7/14
 US CL :340/825.44, 825.27, 311.1
 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. : 340/825.44, 825.27, 311.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 APS, (PAGER# OR SELECTIVE CALL RECEIVER) AND (UPDATE# OR UPDATE# COMMAND#)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,173,688 A (DELUCA ET AL) 22 December 1992, see abstract, fig. 3A, 132; col. 4, lines 56-66.	1-4
X	US 5,546,077 A (LIPP ET AL.) 13 August 1996, see entire document.	5,6
--		----
Y		1-4

Further documents are listed in the continuation of Box C. See patent family annex.

- | | |
|---|--|
| * Special categories of cited documents: | *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 |
| *A* document defining the general state of the art which is not considered to be of particular relevance | *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 |
| *E* earlier document published on or after the international filing date | *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 |
| *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) | *&* document member of the same patent family |
| *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 | |

Date of the actual completion of the international search 14 AUGUST 1998	Date of mailing of the international search report 02 SEP 1998
---	--

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer <i>Anthony A. Asongwed</i> ANTHONY A. ASONGWED <i>for</i> Telephone No. (703) 305-4071
--	---