(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
26 October 2006 (26.10.2006)

PCT

(10) International Publication Number
WO 2006/113525 A3

(51) International Patent Classification:
H04M 1/66 (2006.01)

(21) International Application Number:
PCT/US2006/014236

(22) International Filing Date: 14 April 2006 (14.04.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/671,721 15 April 2005 (15.04.2005) US
11/399,772 7 April 2006 (07.04.2006) US

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

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **HARRIS, John, M.** [US/US]; 2232 N. Kenmore Avenue, #1, Chicago, IL 60614 (US). **CROCKER, Ronald, T.** [US/US]; 3n800 Meadowridge Circle, St. Charles, IL 60175 (US). **KELLEY, Sean, S.** [US/US]; 990 Freeman Road, Hoffman Estates, IL 60195 (US). **MARTINOVICH, Krsman** [US/US]; 52 Walnut Court, Streamwood, IL 60107 (US).

(74) Agents: **MAY, Steven, A.** et al.; 1303 East Algonquin Road, Schaumburg, IL 60196 (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, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

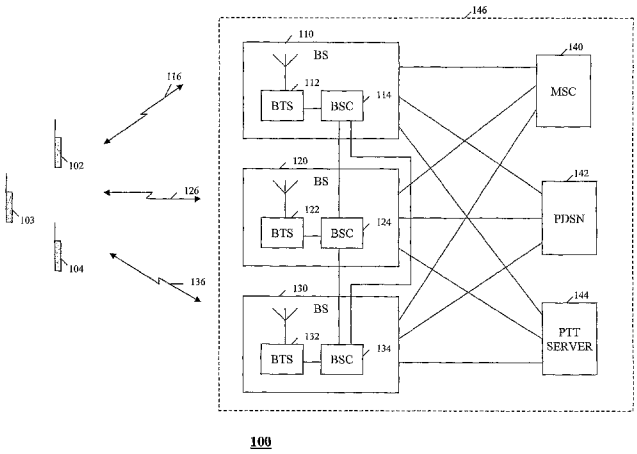
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, 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:
25 October 2007

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: METHOD AND APPARATUS FOR AUTHENTICATING A MOBILE STATION IN A WIRELESS COMMUNICATION NETWORK



(57) Abstract: A communication system (100) controls access of a mobile station (MS) (e.g., 102) to a wireless communication network (146) by generating a RAND Token and conveying the RAND Token and associated constraints to the MS prior to a determination by the MS of a need to access the communication network, wherein the RAND Token is used to authenticate the MS and need not be confirmed prior to the access attempt. By providing the MS with a RAND Token that need not be confirmed, as opposed to the prior art where an MS cannot know whether a global random challenge value provided to the MS prior to a determination by the MS of a need to access the communication network is stale and therefore must confirm the global random challenge value before using it, a call may be set up in an expedited fashion.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/14236

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - H04M 1/66 (2007.01)
USPC - 455/411
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)
IPC(8) - H04M 1/66 (2007.01)
USPC - 455/411

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)
MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,091,942 A (DENT) 25 February 1992 (25.02.1992) entire document	1-24
A	US 6,690,798 B1 (DENT) 10 February 2004 (10.02.2004) entire document	1-24
A	US 2004/0121760 A1 (WESTMAN et al) 24 June 2004 (24.06.2004) entire document	1-24
A	US 2004/0225878 A1 (COSTA-REQUENA et al) 11 November 2004 (11.11.2004) entire document	1-24

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Date of the actual completion of the international search	Date of mailing of the international search report
22 May 2007	08 AUG 2007
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