

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 October 2007 (11.10.2007)

(10) International Publication Number
WO 2007/113770 A3

(51) International Patent Classification:
H04L 29/06 (2006.01) *H04L 29/08* (2006.01)

(74) Agent: **ALBERT, G.Peter**; Foley & Lardner LLP, 11250 El Camino Real, Suite 200, San Diego, CA 92130-2677 (US).

(21) International Application Number:
PCT/IB2007/051193

(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.

(22) International Filing Date: 3 April 2007 (03.04.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/788,647 3 April 2006 (03.04.2006) US

(71) Applicants (for all designated States except US): **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). **NOKIA, INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

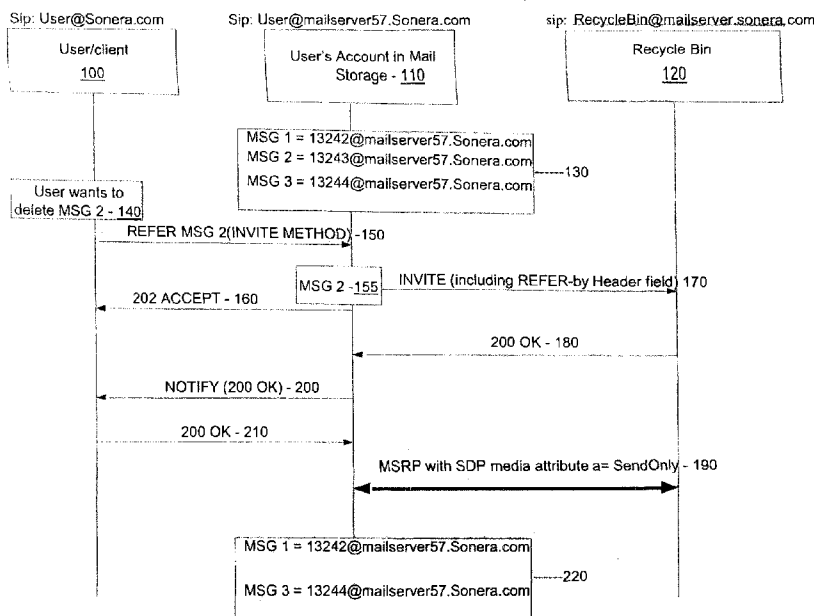
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT,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

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HARUNA, Adamu** [GH/GH]; P.O. Box 12041, Accra North (GH). **LEP-PISAARI, Arto** [FI/FI]; 36200 Kangasala, Tampere (FI).

[Continued on next page]

(54) Title: DELETING MECHANISM IN SIP MULTIMEDIA SERVICES



(57) Abstract: A method of deleting an item from a user account in a SIP multimedia environment. When an item such as an instant message is to be deleted, a SIP REFER message is transmitted from a user device to delete the item from the user account, with the message including a unique identifier for the item. In response to the transmitted request, an SIP INVITE session is established between a virtual agent and a network based deleted items location. After the SIP INVITE session is established, the item is transferred from the user account to the network-based deleted items location and is deleted from the user account.

WO 2007/113770 A3



Published:

— *with international search report*

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

14 February 2008

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2007/051193

A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

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: H04L, H04M, H04Q

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

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, PAJ, INSPEC, INTERNET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20050055416 A1 (HEIKES, B D ET AL), 10 March 2005 (10.03.2005), abstract --	1-50
A	EP 1372316 A1 (SIEMENS INFORMATION AND COMMUNICATION NETWORKS INC.), 17 December 2003 (17.12.2003), abstract --	1-50
A	WO 2005121991 A2 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD), 22 December 2005 (22.12.2005), abstract --	1-50

 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

"E" earlier application or patent but published on or after the international filing date

"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)

"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

"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

"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

"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

"&" document member of the same patent family

Date of the actual completion of the international search

12 November 2007

Date of mailing of the international search report

16-11-2007

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Sture Elnäs/ABW

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2007/051193

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CAMPBELL, B ET AL: "Session Initiation Protocol (SIP) Extension for Instant Messaging", RFC 3428 December 2002, page 1 - page 18, abstract. --	1-50
A	SPARKS, R: "The Session Initiation Protocol (SIP) Refer Method", RFC 3515. April 2003, page 1- page 23, abstract. --	1-50
E	WO 2007105074 A2 (NOKIA CORPORATION), 20 Sept 2007 (20.09.2007), page 1 - page 7, figure 1, claims 1-27, abstract --	1-50
P,X	"Request to delete history", Doc# OMA-IM-2006-0440-CR_request_to_delete_history Change Request, 13 october, 2006, http://member.openmobilealliance.org/ftp/public_documents/mwg/IM/2006/ page 1 - page 3. --	1,15,28,40
P,X	HARUNA, A: "Deleting Stored Messages" Change Request, 4 April, 2006, http://member.openmobilealliance.org/ftp/public_documents/mwg/IM/2006/ page 1 - page 3 -- -----	1-50

International patent classification (IPC)

H04L 29/06 (2006.01)

H04L 29/08 (2006.01)

Download your patent documents at www.prv.se

The cited patent documents can be downloaded at www.prv.se by following the links:

- In English/Searches and advisory services/Cited documents (service in English) or
- e-tjänster/anförda dokument (service in Swedish).

Use the application number as username.

The password is **MGLZFHPXMU**.

Paper copies can be ordered at a cost of 50 SEK per copy from PRV InterPat (telephone number 08-782 28 85).

Cited literature, if any, will be enclosed in paper form.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/IB2007/051193

US	20050055416	A1	10/03/2005	WO	2005010709 A	03/02/2005
EP	1372316	A1	17/12/2003	DE	60313531 D,T	20/09/2007
				US	20030229722 A	11/12/2003
WO	2005121991	A2	22/12/2005	US	20060036689 A	16/02/2006
WO	2007105074	A2	20/09/2007	NONE		