(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 28 February 2008 (28.02.2008)

(10) International Publication Number WO 2008/025008 A3

(51) International Patent Classification: G06F 17/00 (2006.01) **G06F 17/28** (2006.01)

(21) International Application Number:

PCT/US2007/076815

(22) International Filing Date: 24 August 2007 (24.08.2007)

(25) Filing Language: **English**

(26) Publication Language: English

(30) Priority Data:

60/839,705 24 August 2006 (24.08.2006) US 60/839,703 24 August 2006 (24.08.2006) US

(71) Applicant (for all designated States except US): NEUSTAR, INC. [US/US]; 46000 Center Oak Plaza, Sterling, VA 20166 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FRIDMAN, Sharon [IL/GB]; 22 Fairlawn Avenue, Chiswick, London W4 5EF (GB). VOLACH, Ben [IL/GB]; Alexander Laroche Court, Flat 1, 100 Kings Road, Richmond, Surrey TW10 6EE (GB).

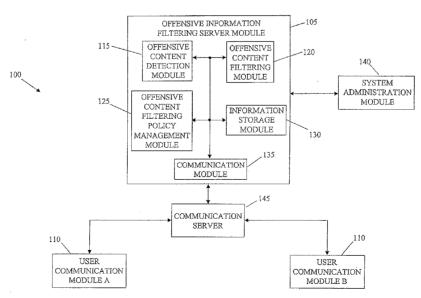
- (74) Agents: BATMAN, Andrew, J. et al.; Katten Muchin Rosenman, LLP, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, ME, 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, 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

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR FILTERING OFFENSIVE INFORMATION CONTENT IN COMMUNICATION SYSTEMS



(57) Abstract: The present invention is directed to a system and method for filtering offensive information content in communication environments. The system includes an offensive information filtering server module in communication with a plurality of user communication devices. The offensive information filtering server module includes an offensive content detection module. The offensive content detection module is configured to detect offensive information content in communications between the user communication devices. The offensive information filtering server module includes an offensive content filtering module in communication with the offensive content detection module. The offensive content filtering module is configured to filter the offensive information content detected in the communications by the offensive content detection module.



(88) Date of publication of the international search report: 25 September 2008

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/76815

A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 17/28(2006.01),17/00(2006.01)		
USPC: 704/3,4,9;706/47,48;715/256 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.: 704/3,4,9;706/47,48;715/256		
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 a	ppropriate, of the relevant passages	Relevant to claim No.
Y US 6,166,780 (BRAY et al) 26 December 2000 (26.1	12.2000)	1-25
Y US 6,782,510 B1 (GROSS et al) 24 August 2004 (24	US 6,782,510 B1 (GROSS et al) 24 August 2004 (24.08.2004)	
Y US 6,389,472 B1 (HUGHES et al) 14 May 2002 (14	US 6,389,472 B1 (HUGHES et al) 14 May 2002 (14.05.2002)	
Y US 6,633,855 B1 (AUVENSHINE) 14 October 2003	US 6,633,855 B1 (AUVENSHINE) 14 October 2003 (14.10.2003)	
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	"T" later document published after the internal date and not in conflict with the application principle or theory underlying the invention	on but cited to understand the
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the clai considered novel or cannot be considered 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 clai considered to involve an inventive step w	hen the document is
"O" document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such do being obvious to a person skilled in the a	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family	
Date of the actual completion of the international search Date of mailing of the international search report		
19 June 2008 (19.06.2008) 0 7 JUL 2008		
Name and mailing address of the ISA/US	Authorized officer	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	Jeffrey Pwu	
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Telephone No. (571) 270-1322	

Form PCT/ISA/210 (second sheet) (April 2007)