

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 April 2007 (26.04.2007)

PCT

(10) International Publication Number
WO 2007/047036 A3

- (51) International Patent Classification:
H04L 12/66 (2006.01)
- (21) International Application Number:
PCT/US2006/037389
- (22) International Filing Date:
25 September 2006 (25.09.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
11/249,777 13 October 2005 (13.10.2005) US
- (71) Applicant (for all designated States except US): SBC KNOWLEDGE VENTURES, L.P. [US/US]; 645 E. Plumb Lane, Reno, NV 98502 (US).
- (72) Inventors: MCCARTHY, Mary; 2115 Oak Dew, San Antonio, TX 78232 (US). HAEUSER, Tony; 3759 Baybrook Drive, Aurora, IL 60504 (US). LEE, Chris; 2630 Friar Tuck Road, San Antonio, TX 78209 (US). COX, Ross; 1709-2 Bald Ridge Marina Road, Cumming, GA 30041

(US). PETTIT, Scott; 13615 Liberty Oak, San Antonio, TX 78232 (US).

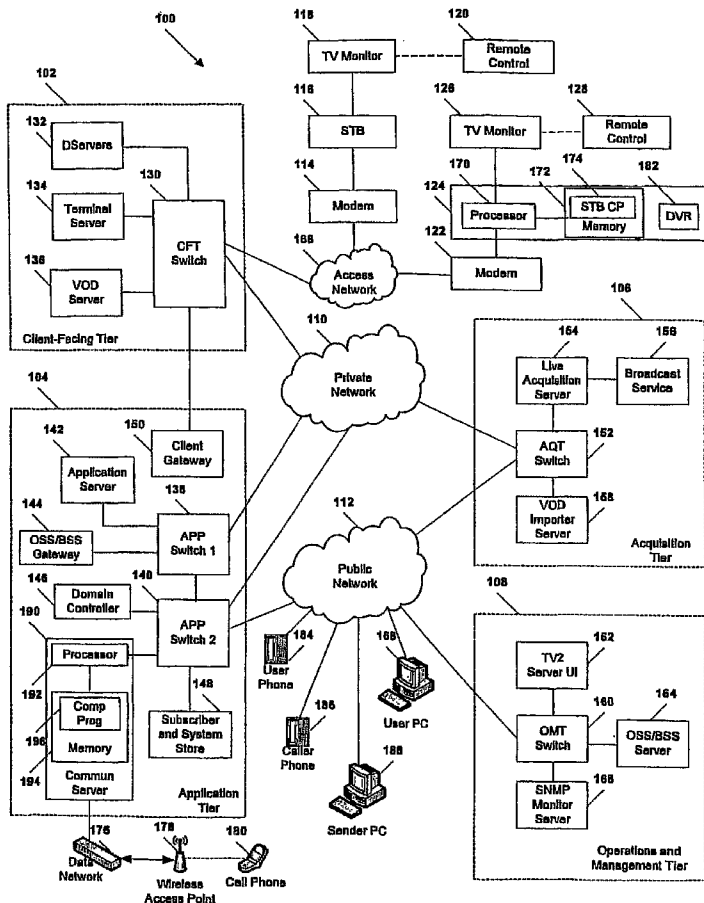
(74) Agent: TOLER, Jeffrey, G.; 5000 Plaza on the Lake, Suite 265, Austin, TX 78746 (US).

(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, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, 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.

(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,

[Continued on next page]

(54) Title: SYSTEM AND METHOD OF DELIVERING NOTIFICATIONS



(57) Abstract: The present disclosure is directed to a system and method of delivering notifications. The method can include receiving a communication at a server within an Internet Protocol Television (IPTV) network, where the communication is directed to a destination device outside of the IPTV network. The method can also include identifying the destination device and associating the destination device with a set-top box device. The method can also include transmitting a notification of the communication to the set-top box device via a private data network within the IPTV network.

WO 2007/047036 A3



RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
7 June 2007

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/37389

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04L 12/66 (2007.01)

USPC - 370/352

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) - H04L 12/66 (2007.01)

USPC - 370/352,353 466,487; 379/142.15, 142.16

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, IP.com, IEEEExplore, Google Patens, Internet: Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,886,030 B1 (EASTERBROOK et al) 26 April 2005 (26.04.2005) entire document	1-32
Y	(CABLE & SATELLITE INTERNATIONAL) "Telcos Battling Cable on the Home Front" in: Set-top Boxes (On Line, <URL: www.cable-satellite.com/pdf/features/18-22_may-jun05.pdf> 01 May 2005 (01.05.2005) entire document	1-32
Y	US 6,314,425 B1 (SERBINIS et al) 06 November 2001 (06.11.2003) entire document	6, 8, 9, 22
Y	US 6,781,962 B1 (WILLIAMS et al) 24 August 2004 (24.08.2004) entire document	7, 17, 23, 24

Further documents are listed in the continuation of Box C.

* 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

29 January 2007

Date of mailing of the international search report

03 APR 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents

P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-3201

Authorized officer:

Blaine R. Copenheaver

PCT Helpdesk: 571-272-4300

PCT OSP: 571-272-7774