

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 April 2007 (19.04.2007)

PCT

(10) International Publication Number
WO 2007/044986 A3

(51) International Patent Classification:
G06F 11/00 (2006.01)

(21) International Application Number:
PCT/US2006/040500

(22) International Filing Date: 13 October 2006 (13.10.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/727,025 13 October 2005 (13.10.2005) US
11/326,966 5 January 2006 (05.01.2006) US

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

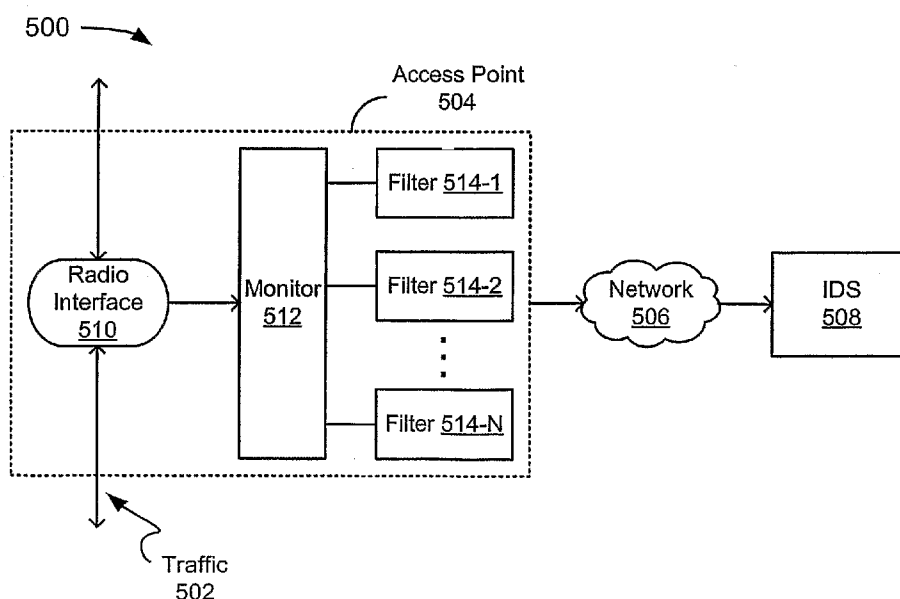
Published:

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

(88) Date of publication of the international search report:
18 October 2007

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR REMOTE MONITORING IN A WIRELESS NETWORK



(57) Abstract: A technique for combining operations of a wireless access point with a remote probe. An access point links a wireless client to a wireless switch. A remote probe captures wireless packets, appends radio information, and forwards packets to a remote observer for analysis. In an embodiment, the observer may provide a protocol-level debug. A system according to the technique can, for example, accomplish concurrent in-depth packet analysis of one or more interfaces on a wireless switch. The system can also, for example, augment embedded security functions by forwarding selected packets to a remote Intrusion Detection System (IDS). In an embodiment, filters on the probes may reduce overhead.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/40500

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) G06F 11/00 (2007.01)
 USPC: 726/23

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)
 USPC: 726/23

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 USPC: 726/3, /22; 455/403, /410, /411; 370/310, /351

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

Electronic Databases Searched: PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO(Engineering); GoogleScholar
 Search Terms Used: IDS, IPS, decrypt, encapsulate, wireless, 802.11, MAC, data-link, sniff, snoop

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2005/0128989 A1 (BHAGWAT et al.) 16 June 2005 (16.06.2005), entire document, especially para [0014] - [0233]	1-3, 8-10, 12, 15-20 6-7, 11, 13-14
X — Y	US 2004/0025044 A1 (DAY) 05 February 2004 (05.02.2004), entire document, especially para [0007] - [0043]	4-5 6-7
Y	PUTTINI, R., LUDOVIC, M., PERCHER, J. and deSOUZA, R., A Fully Distributed IDS for MANET, 28 June-1 July 2004 (29.06-01.07.2004) [retrieved on 2007-06-02] Retrieved from the Internet: <URL: http://www.rennes.supelec.fr/ren/rd/ssir/publis/pal.04c.pdf> entire document, especially pg 2, col 2, para [3] - [4]	11, 13-14

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Date of the actual completion of the international search

29 May 2007 (29.05.2007)

Date of mailing of the international search report

17 AUG 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

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 PCT OSP: 571-272-7774