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

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 17 June 2004 (17.06.2004)

PCT

(10) International Publication Number WO 2004/051938 A3

(51) International Patent Classification⁷: 12/46

H04L 29/06,

(21) International Application Number:

PCT/US2003/036452

(22) International Filing Date:

12 November 2003 (12.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

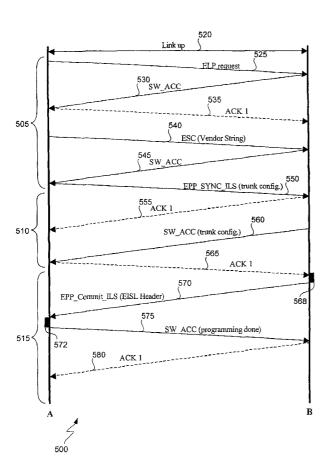
60/429,897 27 November 2002 (27.11.2002) US 10/430,491 5 May 2003 (05.05.2003) US

(71) Applicant: ANDIAMO SYSTEMS, INC. [US/US]; 375 East Tasman Drive, San Jose, CA 95134 (US).

- (72) Inventors: DESAI, Tushar; 1110 Polynesia Drive, #214, Foster City, CA 94404 (US). GUPTA, Shashank; 430 Oak Grove Drive, #207, Santa Clara, CA 95054 (US). JAIN, Praveen; 4684 San Lucas Way, San Jose, CA 95135 (US). GHOSH, Kalyan, K.; 2281 Esperanca Avenue, Santa Clara, CA 95054 (US).
- (74) Agent: SAMPSON, Roger, S.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, 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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: METHODS AND DEVICES FOR EXCHANGING PEER PARAMETERS BETWEEN NETWORK DEVICES



(57) Abstract: Methods and devices are provided for detecting whether peer ports internconnecting two network devices can perform a novel protocol called Exchange Peer Parameters ("EPP"). If the peer ports are so configured to perform EPP, EPP services are exchanged between the peer ports. In a first phase, information is exchanged about peer port confirgurations of interest. In a second phase, the results of the exchanged of information are applied to hardware and/or software of the respective ports, as needed.

WO 2004/051938 A3



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (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: 26 August 2004

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

Irtamational Application No

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L29/06 H04L12/46									
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 7 H04L									
Documentat	tion searched other than minimum documentation to the extent that si	uch documents are included in the fields	searched						
Electronic da	ata base consulted during the international search (name of data bas	se and, where practical, search terms use	ed)						
EPO-Internal, COMPENDEX									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
Х	WO 01/19027 A (QUALCOMM INC) 15 March 2001 (2001-03-15) abstract; claim 1	1-18							
A	US 6 426 952 B1 (CALVERT II GARY 30 July 2002 (2002-07-30) column 9, line 50 - column 14, li figure 15a abstract	1-18							
A	US 6 208 623 B1 (GOROKHOVSKY MICH AL) 27 March 2001 (2001-03-27) the whole document	1–18							
P,A	US 2003/145116 A1 (BAUMOEL KENNET 31 July 2003 (2003-07-31) the whole document	1-18							
Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document 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		*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 Date of mailing of the international search report									
5 July 2004		12/07/2004							
Name and n	nailing address of the ISA	Authorized officer							
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016		Pereira, M							

INTERNATIONAL SEARCH REPORT

Information on patent family members

Ir tional Application No

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0119027		15-03-2001	AU	7357700 A	10-04-2001
			CA	2384162 A1	15-03-2001
			CA	2384168 A1	15-03-2001
			CN	1387732 T	25-12-2002
			CN	1437829 T	20-08-2003
			EP	1210829 A2	05-06-2002
			JP	2003509901 T	11-03-2003
			JP	2003509917 T	11-03-2003
			WO	0119099 A2	15-03-2001
			WO	0119027 A2	15-03-2001
US 6426952	B1	30-07-2002	NONE		
US 6208623	B1	27-03-2001	NONE		
US 2003145116	A1	31-07-2003	NONE		