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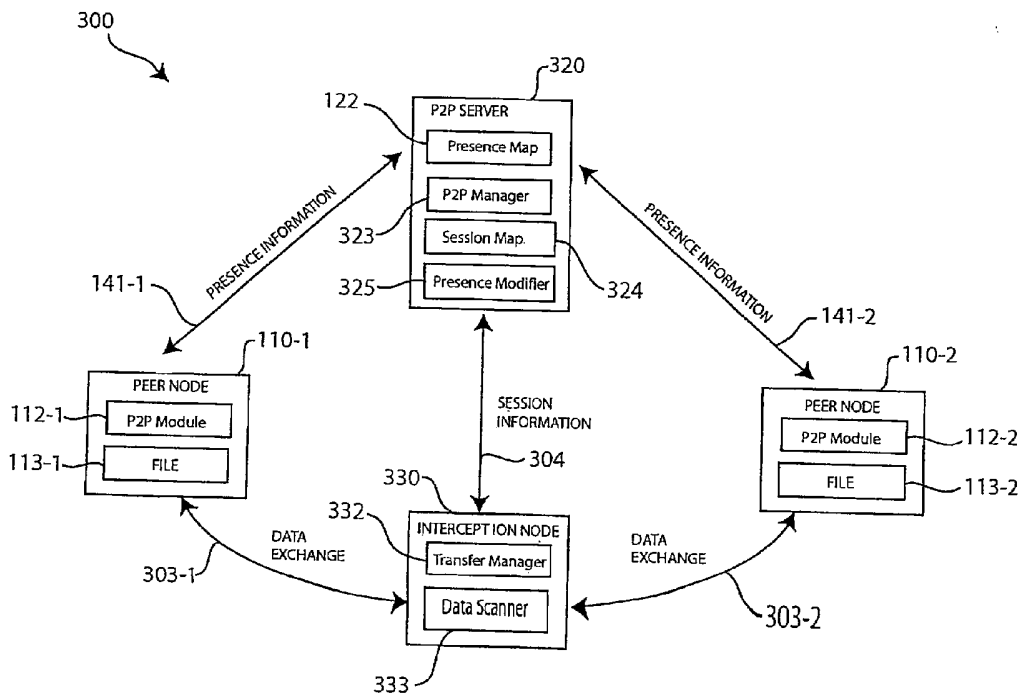
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[Continued on next page]

(54) Title: TECHNIQUE FOR INTERCEPTING DATA IN A PEER-TO-PEER NETWORK



(57) Abstract: In one embodiment, in a peer-to-peer network (300), data intended to be transferred directly from a first peer node (110-1) to a second peer node (110-2) are first redirected to an interception node (330). In the interception node (330), the data may be processed prior to being forwarded to the second peer node (110-2). The data may be scanned for virus detection and removal, for example.

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**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, 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, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), 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, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/41960

<p>A. CLASSIFICATION OF SUBJECT MATTER</p> <p>IPC(7) : G06F 15/16 US CL : 709/222</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>																						
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) U.S. : 709/222, 201</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet</p>																						
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X --- Y</td> <td>US 6,061,796 (CHEN et al) 09 May 2000; col. 9, line 60 - col. 10, line 11; col. 11, lines 24-49; col. 9, lines 42-59; col. 13, lines 17-25; col. 4, lines 17-27; col. 3, lines 16-29; col. 10, lines 37-58; col. 7, lines 25-34; col. 12, lines 11-32</td> <td>1-5, 7-11, 13, 14 ----- 6, 12, 15, 21, 22</td> </tr> <tr> <td>X --- Y</td> <td>US 2003/0028585 (YEAGER et al) 06 February 2003; paras. 0162, 0173, 0013, 0315, 0201-0202, 0014, 0324</td> <td>16, 19 ----- 15, 17, 18, 20, 21</td> </tr> <tr> <td>Y, P</td> <td>US 6,789,117 (JOINER et al) 07 September 2004; col. 13, line 65 - col. 14, line 4; col. 56-64</td> <td>6, 12, 17, 18, 20, 22</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X --- Y	US 6,061,796 (CHEN et al) 09 May 2000; col. 9, line 60 - col. 10, line 11; col. 11, lines 24-49; col. 9, lines 42-59; col. 13, lines 17-25; col. 4, lines 17-27; col. 3, lines 16-29; col. 10, lines 37-58; col. 7, lines 25-34; col. 12, lines 11-32	1-5, 7-11, 13, 14 ----- 6, 12, 15, 21, 22	X --- Y	US 2003/0028585 (YEAGER et al) 06 February 2003; paras. 0162, 0173, 0013, 0315, 0201-0202, 0014, 0324	16, 19 ----- 15, 17, 18, 20, 21	Y, P	US 6,789,117 (JOINER et al) 07 September 2004; col. 13, line 65 - col. 14, line 4; col. 56-64	6, 12, 17, 18, 20, 22								
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.</p>																						
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T"</td> <td>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</td> </tr> <tr> <td>"B"</td> <td>earlier application or patent published on or after the international filing date</td> <td>"X"</td> <td>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</td> </tr> <tr> <td>"L"</td> <td>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)</td> <td>"Y"</td> <td>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</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td>"&"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table>			"A"	document defining the general state of the art which is not considered to be of particular relevance	"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	"B"	earlier application or patent published on or after the international filing date	"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	"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 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	"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family	"P"	document published prior to the international filing date but later than the priority date claimed		
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<p>Name and mailing address of the ISA/US</p> <p>Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-8300</p>		<p>Authorized officer</p> <p>Vincent Trans</p> <p>Telephone No. 571-272-3613</p>																				

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/41960

Continuation of B. FIELDS SEARCHED Item 3:

US-PGPUB; USPAT

search terms: peer-to-peer, lip, port, scan, address, number, intercept, server, session, virus