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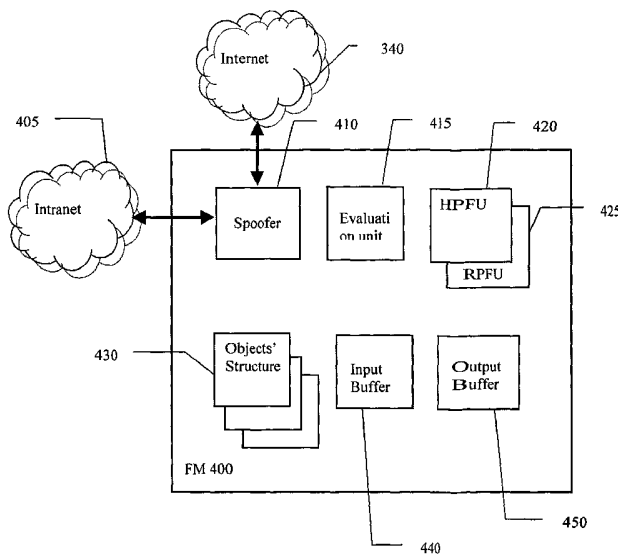
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(54) Title: A SYSTEM AND A METHOD FOR ACCELERATING COMMUNICATION OF TCP/IP BASED CONTENT



(57) Abstract: A system (400) and method for downloading multiple objects (430) from at least one server in an accelerated manner in a TCP/IP environment. The system (400) having a spoofing unit (410) which is utilized to intercept traffic between the server and a client and modify the traffic from the client's perspective, it appears as though objects (430) from a single server are actually being sourced from multiple servers. Thus, the client is able to open additional sockets to receive objects (430) from the server thereby allowing for a parallel download of the objects (430). This greatly reduces the amount of time necessary to download the objects (430).

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL02/00654

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) :G06F 13/00, 15/16, 15/173
US CL :709/200-203, 217-219, 223-224, 227-230, 250; 713/200-201, 168
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. : 709/200-203, 217-219, 223-224, 227-230, 250; 713/200-201, 168

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST Search-->TCP connection, spoofer, buffer, socket, interfac\$, data chunk, object type, HTML parse, look up table, web server/client, language document


C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 6,324,582 B1 (SRIDHAR et al) 27 November 2001. abstract; figures 6, 9-16, and 23-26; column 8 line 39 to column 11 line 53; columns 15-26; and column 33 line 39 to column 36 line 2.	1-36
Y, P	US 6,389,462 B1 (COHEN et al) 14 May 2002. abstract; figures 1-4; and column 6 line 23 to column 15 line 56.	1-36
Y	US 6,246,683 B1 (CONNERY et al) 12 June 2001. abstract; figures 2-3 and 5; column 3 line 61 to column 6 line 24; and column 7 lines 21-55.	1-36

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"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		

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International application No.
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, E	US 6,490,620 B1 (DITMER et al) 03 December 2002.	1-36