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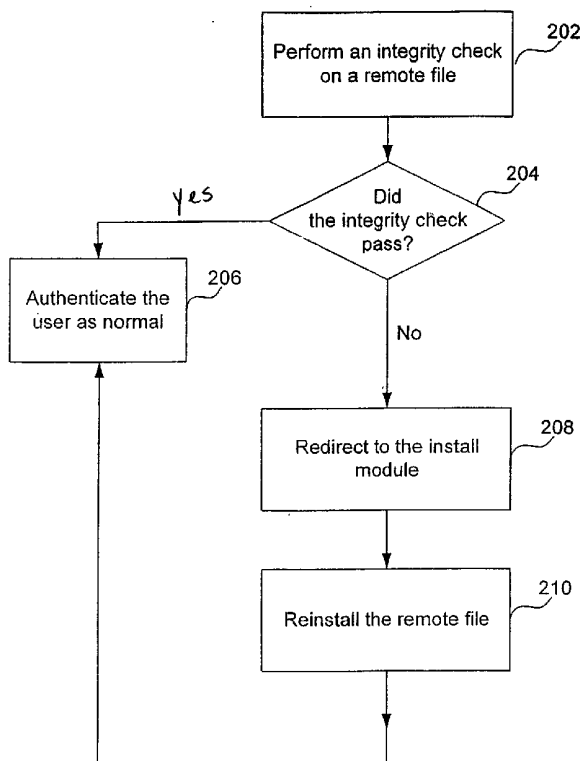
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR AUTOMATICALLY DETECTING AND THEN SELF-REPAIRING CORRUPT, MODIFIED OR NON-EXISTENT FILES VIA A COMMUNICATION MEDIUM



(57) Abstract: A system and method of guaranteeing the presence of secure and tamperproof remote files over a distributed communication medium, such as the Internet, is provided. The system and method automatically detects, and then self-repairs corrupt, modified or non-existent remote files. The method first performs an integrity check on a remote file (202) and then determines whether the integrity check passed (204). If the integrity check passed, then the user goes through the authentication process as normal (206). If the integrity check fails, then the present invention redirects to an install module (208) in order to prepare to reinstall the remote file. Via the install module, the present invention then reinstalls the remote file (210) and the user is then taken through the authentication process as normal (206).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/48374

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 9/00
 US CL : 713/201

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. : 713/187, 191, 201; 709/200

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,108,420 A (LAROSE et al) 22 August 2000 (22.08.2000), column 4, lines 35-41; column 5, lines 6-20; column 5, lines 21-23; column 7, lines 15-17; column 9, lines 44-64; column 12, lines 25-32; column 13, lines 1-26.	1, 3, 5, 9, 10, 13, 17, 18
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Y		2, 4, 6, 7, 8, 11, 12, 14, 15, 16
Y	Brenner, Brad, "LAN Fever: How to Protect your Business from Computer Viruses", Office Systems, Georgetown, January 1992	2, 11
Y	US 5,812,819 A (RODWIN et al) 22 September 1998, column 2, lines 56-64	4, 12
Y	Microsoft Press Computer Dictionary, Third Edition, Microsoft Press, 1997, pages 276, 510	6, 7, 8, 14, 15, 16

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
"E"	earlier application or patent published on or after the international filing date	"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
"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)	"&"	document member of the same patent family
"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 SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

EAST: install\$ adj module\$, integrity, (install\$ adj module\$) and integrity, network, ((install\$ adj module\$) and integrity) and network, file same transfer, (file same transfer) and (client same server), file same install\$, (client same server) and (file same install\$), (client same server) and (file same install\$) and integrity, (address same passing) and request\$, (address same passing) and request\$;
PROQUEST: file check, integrity check, file repair, file repair over network, file installation over network; IEEE XPLORE: file check, integrity check, file repair, file repair over network file, installation over network