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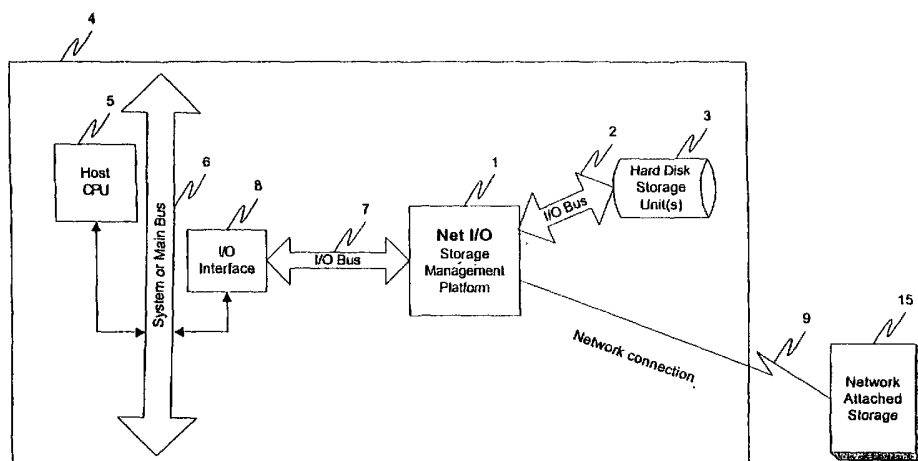
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(54) Title: REDIRECTING LOCAL DISK TRAFFIC TO NETWORK ATTACHED STORAGE



(57) Abstract: An apparatus and method implemented in embedded software that transparently redirects local hard drive requests to a Network Attached Storage (NAS) subsystem (15) is provided. The apparatus, contains a large front end cache used to intercept local hard disk (3) I/O requests at the lowest level before forwarding to an external attached NAS subsystem (15), providing a transparent high performance centrally managed storage solution.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/03980

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04B 7/212

US CL : 709/203, 217, 222, 228, 229; 370/442, 458, 503

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. : 709/203, 217, 222, 228, 229; 370/442, 458, 503

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Microsoft Computer Dictionary

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

Please See Extra Sheet.

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 6,396,849 B1 (SARKISSIAN et al) 28 May 2002, figs. 2, 3, col.5 line 60 to col.6 line 65, col.7 line 22 to col.8 line 58 and col.10 lines 19-67.	1-32
Y	US 6,154,465 A (PICKETT) 28 November 2000, abstract, figs.2, 9A, col.6 lines 16-61, col.15 line 59 to col.16 line 60 and col.18 line 53 to col.19 line 45.	1-32
A	US 6,366,947 B1 (KAVNER) 02 April 2002, col.13 line 15 to col.14 line 63 and col.16 lines 3-58.	1-32



Further documents are listed in the continuation of Box C.



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"O" document referring to an oral disclosure, use, exhibition or other means	
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INTERNATIONAL SEARCH REPORT

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PCT/US03/03980

B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

WEST, EAST, IEEE

search terms: host, server and client, network, internet, I/O, redirect, Central Processing Unit, bus configurations, hard disk processing, HTTP, network interface, Media Access Control