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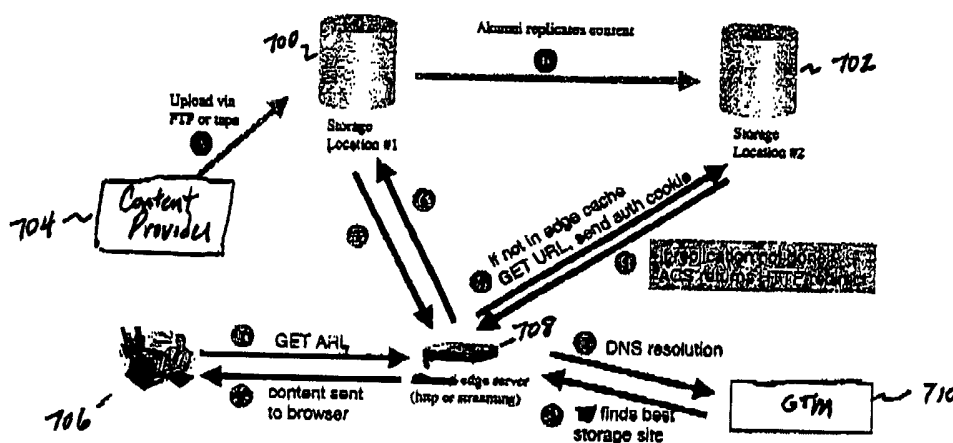
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(54) Title: SCALABLE, HIGH PERFORMANCE AND HIGHLY AVAILABLE DISTRIBUTED STORAGE SYSTEM FOR INTERNET CONTENT



(57) Abstract: A method for content storage on behalf of participating content providers (704) begins by having a given content provider (704) identify content for storage. The content provider (704) then uploads the content to a given storage site (700, 702) selected from a set of storage sites (700, 702). Following upload, the content is replicated from the given storage site (700, 702) to at least one other storage site (700, 702) in the set. Upon request from a given entity (706), a given storage site (700, 702) from which the given entity (706) may retrieve the content is then identified. The content is then downloaded from the identified given storage site (700, 702) to the given entity (706). In an illustrative embodiment, the given entity (706) is an edge server (708) of a content delivery network (CDN).



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/10080

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 12/00, 15/16

US CL : 711/162; 707/204; 709/219

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. : 711/162; 707/204; 709/219

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)

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim N
Y,E	US 6,405,294 B1 (HAYTER) 11 June 2002, abstract, cols. 2-3.	1-14
Y,P	US 6,345,308 B1 (ABE) 05 February 2002, abstract, col. 12.	1-14
Y,P	US 6,212,521 B1 (MINAMI et al) 03 April 2001, abstract and figure 1.	1-14
A	US 6,144,996 A (STARNES et al) 07 November 2000, abstract.	1-14

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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"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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