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

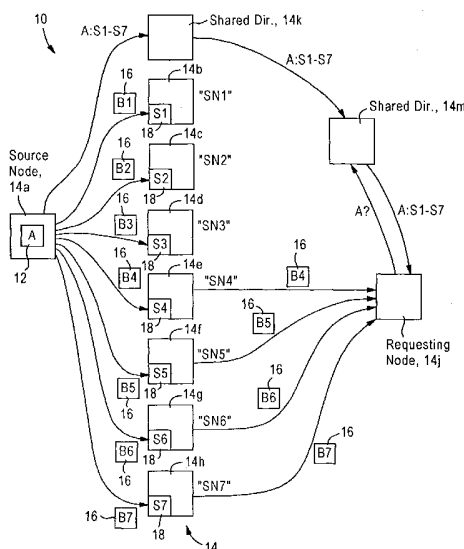
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ARRANGEMENT IN A NETWORK NODE FOR SECURE STORAGE AND RETRIEVAL OF ENCODED DATA DISTRIBUTED AMONG MULTIPLE NETWORK NODES



(57) Abstract: Data is stored using multiple selected network nodes in a network based on encoding of the data into multiple distinct encoded data units according to a prescribed encoding operation. The secure encoding operation generates a first prescribed number of encoded data units, whereas merely a second prescribed number of the encoded data units are necessary for recovery of the original data, the second prescribed number being less than the first prescribed number. The encoded data units are distributed among selected network nodes in a network, where any one network node receives less than the second prescribed number to ensure security. A requesting node recovers the original data by requesting the second prescribed number of encoded data units from among the network nodes having stored the respective encoded data units.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/19264

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **G11C 29/42**(2006.01),**29/52**(2006.01)

USPC: 714/710,784;711/148

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. :

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
US-PGPUB, USPAT, USOCR (text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPO, JPO, DERWENT, IBM\_TDB, IEEEXplore

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, T	US 2006/0161823 A1 (SATO) 20 July 2006 (20.07.2006).	1-72
A	US 20030046637 A1 (ZHANG) 6 March 2003 (06.03.2003).	1-72
A, T	US 20060107131 A1 (MILLS et al.) 18 May 2006 (18.05.2006).	1-72
A	US 6173374 B1 (HEIL et al.) 9 January 2001(09.01.2001).	1-72

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See patent family annex.

* Special categories of cited documents:		
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"O" document referring to an oral disclosure, use, exhibition or other means		
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