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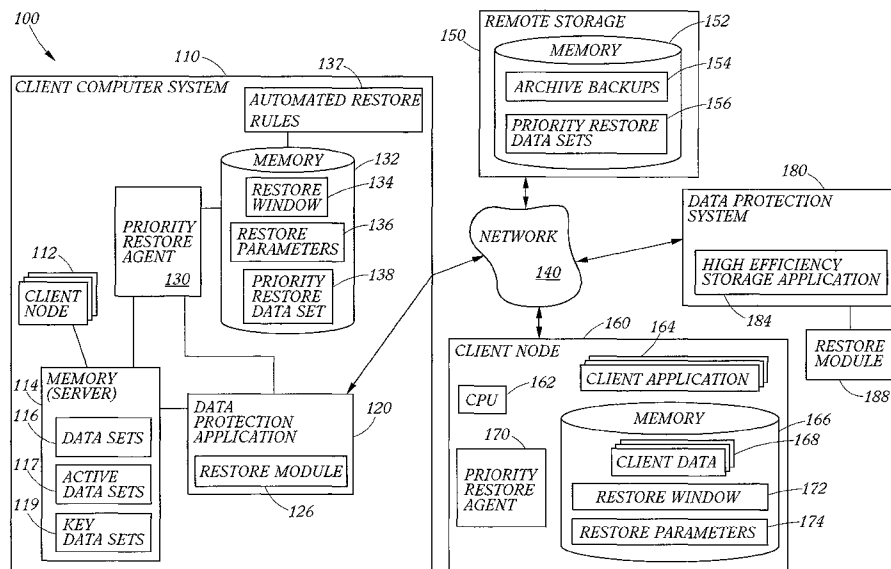
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[Continued on next page]

(54) Title: AUTOMATED PRIORITY RESTORES



(57) Abstract: A priority restore agent in a data storage system generates a priority restore data set for a client computer system or device by identifying a set of active data sets and/or a set of key data sets within client system data generated by the client computer system. The priority restore agent looks at or processes file system attributes for the client system data and compares these attributes with predefined restore parameters. The restore parameters may indicate that any file that has been accessed, modified, or created within a particular period of time be included in the priority restore data set. The key data sets may be identified in a set of automated restore rules. A data protection application within the data storage system can restore data in the priority restore data set onto the client computer system after a disaster or system crash.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **G06F 17/30(2006.01)**

USPC: **707/204**
 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. : 707/204

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | US 6,275,953 B1 (Vahalia et al.) 14 August 2001 (14.08.2001), col. 1, line 59 to col. 32, line 33. | 1-20 |
| Y | US 6,732,293 B1 (Schneider) 4 May 2004 (4.05.2004), col. 5, line 6 to col. 28, line 65. | 1-20 |
| Y, E | US 7,346,263 B2 (Pralhad et al.) 18 March 2008 (18.03.2008), col. 2, line 54 to col. 9, line 24. | 1-20 |

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

| * Special categories of cited documents: | | |
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| "P" document published prior to the international filing date but later than the priority date claimed | "&" | document member of the same patent family |

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