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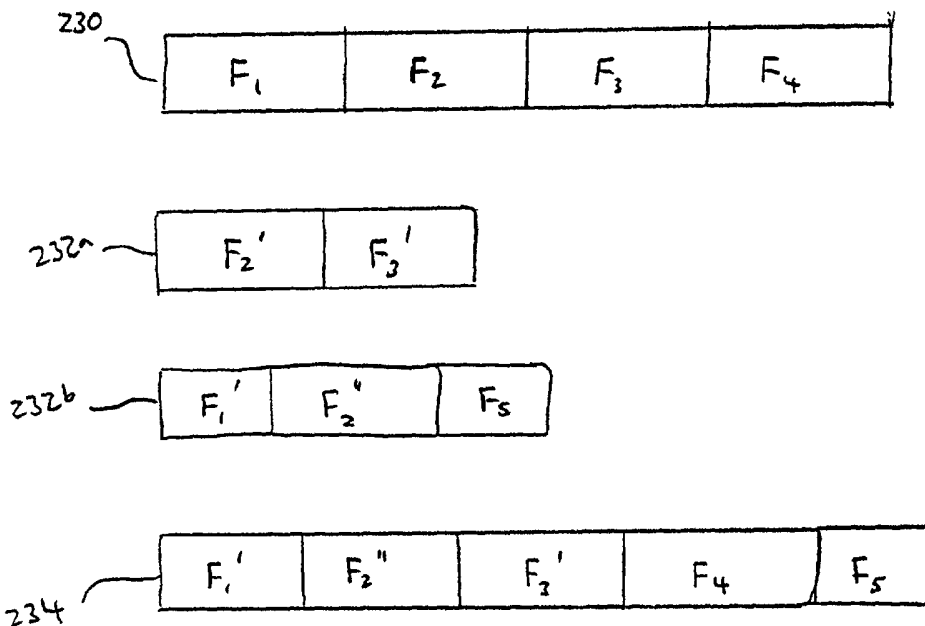
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[Continued on next page]

(54) Title: EMULATED STORAGE SYSTEM



(57) Abstract: A method comprising acts of creating a full back-up data set (230) comprising a first plurality of data files ( $F_1 - F_4$ ) creating at least one incremental back-up data set (230a) comprising a second plurality of data files ( $F_2', F_3'$ ) determining a most recent copy of each data file ( $F_1 - F_5$ ) of the first and second pluralities of data files, storing a plurality of indicators each identifying a storage location in one of the full back-up set and the at least one incremental data set of the most recent copy of each data files, and creating a synthetic full back-up data set (234) that corresponds to the most recent copy of each data file ( $F_1 - F_5$ ) of the first and the second pluralities of data files based upon the plurality of indicators.

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**A. CLASSIFICATION OF SUBJECT MATTER**

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 US CL : 711/162, 112; 714/6

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 711/162, 112; 714/6; 711/114, 202; 714/21, 20

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)  
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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 2003/058031 A1 (ZAREMBA) 21 AUGUST 2003, abstract; Fig. 2b; page 2, p 0019-0020.	1-12
X,P	US 2003/0177149 A1 (COOMBS) 18 SEPTEMBER 2003, p0013, p0028, abstract.	1-12
X	US 2003/0145248 A1 (McNEIL) 31 JULY 2003, p0009, p0011-0014, p0024-0026.	1-12
X	US 2002/0059505 A1 (ST. PIERRE et al) 16 MAY 2002, Fig. 7, p0036-0041, p0087-0100.	1-12

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