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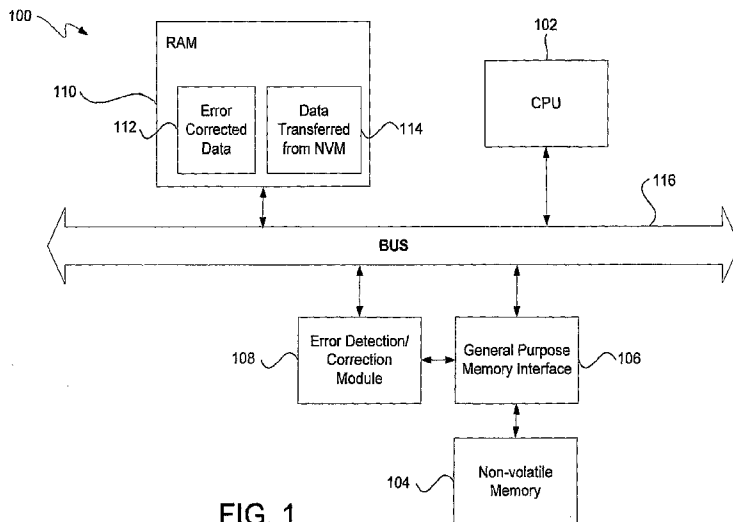


FIG. 1

(57) Abstract: A non-volatile memory has a first payload data region and a first redundant memory area associated with the first payload data region. The first redundant memory area has a first portion, a second portion and a third portion. The first portion includes first payload error correction code (ECC) data associated with the first payload data region. The second portion includes first metadata associated with the first payload data region. The third portion includes first metadata ECC data associated with the first metadata.

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A. CLASSIFICATION OF SUBJECT MATTER
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 USPC: **711/103;714/6**
 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)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

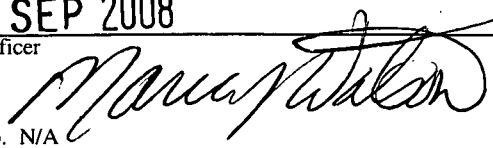
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	MANNING, Charles, YAFFS (yet another Flash File System) [online], 09 August 2004 [retrieved on 22 August 2008 (22.08.2008)], Retrieved from the Internet <url:http://web.archive.org/web/20040825085718/www.aleph1.co.uk/yaffs/yaffs.html>, all	1-3,5,7-9 ----- 4,6,10-23
Y	US 4,584,686 (FRITZE, KEITH R.) 22 April 1986 (22.04.1986), all	4, 10-12, 14-18, 20-23
Y	US 2004/0049727 A1 (WANG, HONG-RONG) 11 March 2004 (11.3.2004), paragraphs 0004-0019	6,19
Y	US 2004/0078747 A1 (MILLER et al.) 22 April 2004 (22.04.2004), Paragraphs 0025-0028	13

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