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(54) Title: BLOCK ID ENCODING IN ERASURE CODED STORAGE SYSTEM

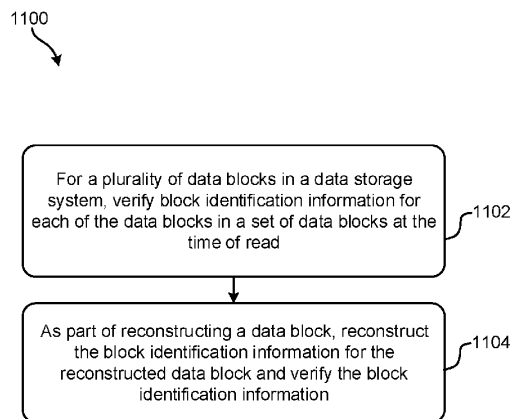


FIG. 11

(57) Abstract: A data storage system includes a plurality of data blocks. A set of data blocks are protected by an erasure correcting code and each of the data blocks in the set of data blocks includes block identification information. The data storage system includes a processor and logic integrated with the processor, executable by the processor, or integrated with and executable by the processor. The logic is configured to verify the block identification information for each of the data blocks in the set of data blocks at a time of read (1102), and as part of reconstructing a data block, reconstruct the block identification information for the data block and verify the block identification information (1104).

[Continued on next page]

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