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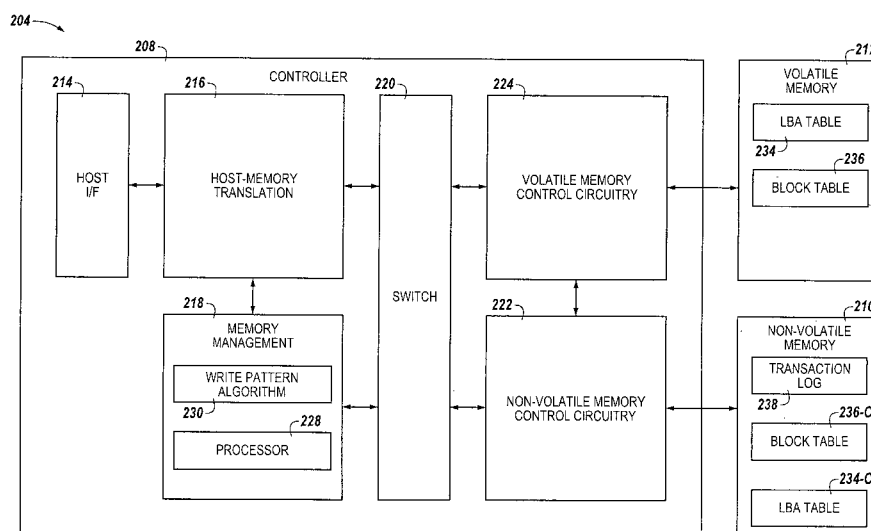
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(54) **Title:** TRANSACTION LOG RECOVERY**Fig. 2**

- (57) **Abstract:** The present disclosure includes methods for transaction log recovery in memory. One such method includes examining a number of entries saved in a transaction log to determine a write pattern, reading the memory based on the write pattern, updating the transaction log with information associated with data read from the memory based on the write pattern, and updating a logical address (LA) table using the transaction log.