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- (71) **Applicant (for all designated States except US):** MICRON TECHNOLOGY, INC. [US/US]; 8000 S Federal Way, Boise, ID 83716-9632 (US).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** JEDDELOH, Joseph M. [US/US]; 4302 Reiland Lane, Shoreview, MN 55126 (US).
- (74) **Agents:** KERN, Jacob, T. et al.; Brooks, Cameron & Huebsch, PLLC, 1221 Nicollet Avenue, Suite 500, Minneapolis, MN 55403 (US).
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(54) Title: TRANSACTION LOG RECOVERY

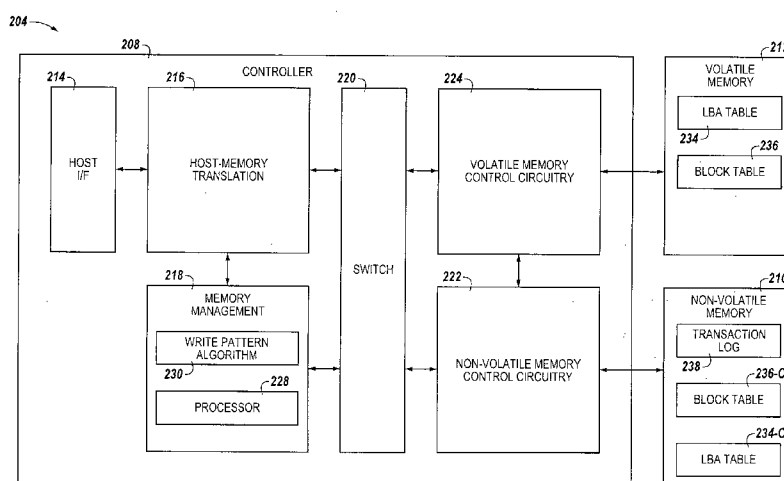


Fig. 2

(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.