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(12) United States Patent

Kolokowsky

(54) FLASH DRIVE FAST WEAR LEVELING

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- (51) Int. Cl. *G06F 12/00*

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(57) ABSTRACT

A system and method comprising a non-volatile memory including one or more memory blocks to store data, a controller to allocate one or more of the memory blocks to store data, and a wear-leveling table populated with pointers to unallocated memory blocks in the non-volatile memory, the controller to identify one or more pointers in the wear-leveling table and to allocate the unallocated memory blocks associated with the identified pointers for the storage of data.

10 Claims, 4 Drawing Sheets





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Figure 2





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