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(54) HYBRID NON-VOLATILE SOLID STATE MEMORY SYSTEM

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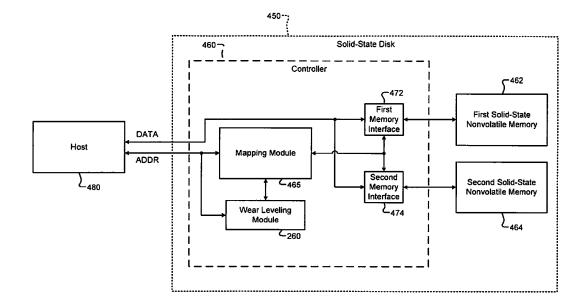
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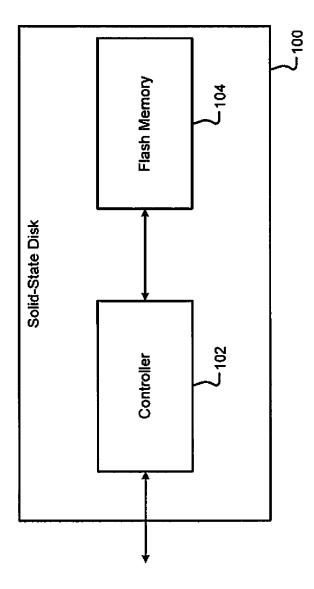
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(57) ABSTRACT

A solid state memory system comprises a first nonvolatile semiconductor (NVS) memory that has a first write cycle lifetime, a second nonvolatile semiconductor (NVS) memory that has a second write cycle lifetime that is different than the first write cycle lifetime, and a wear leveling module. The wear leveling module generates first and second wear levels for the first and second NVS memories based on the first and second write cycle lifetimes and maps logical addresses to physical addresses of one of the first and second NVS memories based on the first and second wear levels.

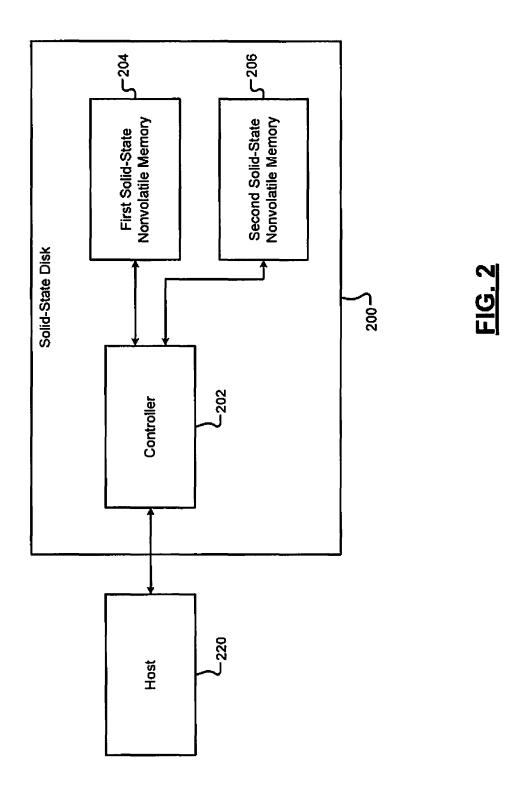














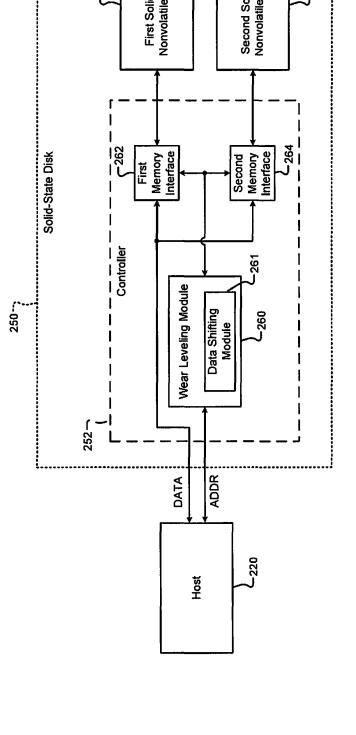
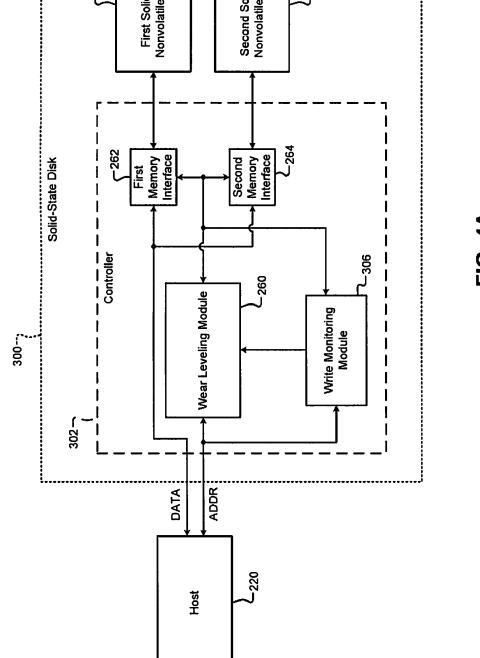


FIG. (







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