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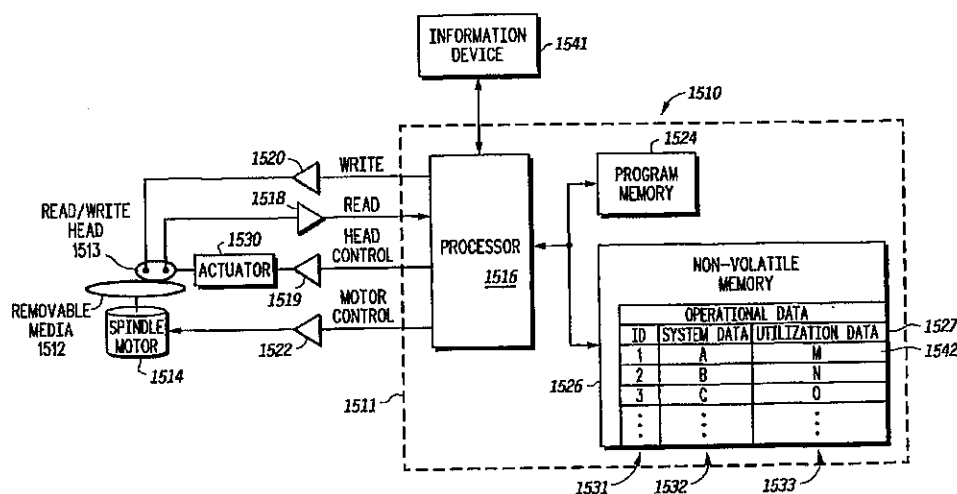
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(54) Title: STORAGE SYSTEM WITH NON VOLATILE MEMORY FOR STORING DATA



(57) Abstract: A data storage system (110) utilizing a non-volatile integrated circuit based memory (126) for storing data. In some examples, the non-volatile integrated circuit based memory is a magnetoresistive random access memory (MRAM) (126). In some examples where the data storage system (110) includes a hard disk, the non-volatile integrated circuit based memory can be used to store system data such as a master list (127) for the hard disk. In other examples, the non-volatile integrated circuit based memory may be implemented in a removable media storage system (1510) to store operational data associated with a removable media. In other examples, the non-volatile integrated circuit based memory may be used to store user data.