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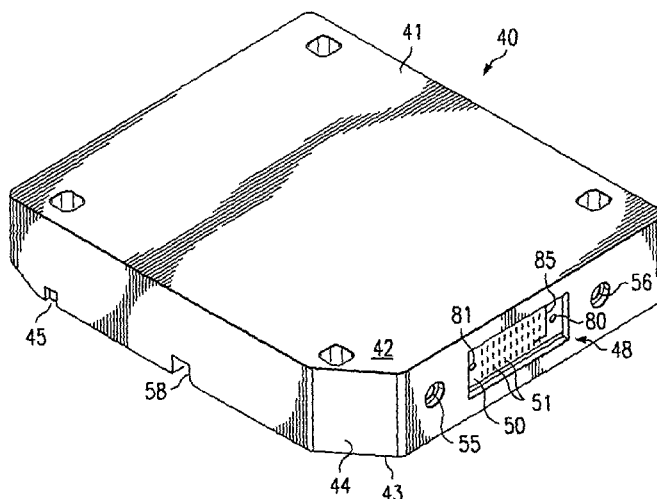
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(54) Title: STORAGE DEVICE MOUNTED IN PORTABLE DATA STORAGE MEDIA TYPE CARTRIDGES



(57) Abstract: A data storage cartridge (40) encases a magnetic disk drive assembly (60), and has an exterior dimensional form factor of a tape cartridge having a leader block. To distinguish the cartridge from a tape cartridge, the cartridge shell comprises a blocking portion (42) at the location of the leader block hole. A transfer station (100) both identifies the cartridge and indicates the presence of the cartridge at an end of travel in a cartridge receiver, employing an optical source (105, 106) and an opposed sensor (115, 116) directed toward the leader block hole. In another embodiment, an encased magnetic disk drive assembly is supported and mounted in a cartridge shell (41) by a shock mount (62). A flex cable interconnects with an external data transfer interface (48) at the opposite side of the cartridge for data transfer with a transfer station and to provide mechanical isolation.



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