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DISK DRIVE DEVICE AND METHOD FOR CONTROLLING THE SAME

ABSTRACT

In a disk drive device 10, even if a read command is issued, and the required data hit the data retained in the cache memory so that all the data transfer can be performed without the intervention of a local MPU 16, a HIC 15 performs the data transfer so as to leave the last one block and waits for the intervention of the local MPU 16, and the local MPU 16 gives instructions to transfer the last one block when the preparation for the command termination is made, and if a plurality of blocks of data to be transferred are remaining when the local MPU 16 instructs the HIC 15 to transfer the last one block, the HIC 15 executes all the data transfer without stopping the data transfer before the last one block, completing the command.

Figure 1



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