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ABSTRACT

HARD DISK DRIVE, HARD -DISK-DRIVE OPTIMIZATION METHOD, HARD-DISK-DRIVE MANUFACTURING METHOD AND PROGRAM THEREFOR

The know-how possessed by a parent hard disk drive is exported to a baby hard disk drive. The baby hard disk drive executes an optimization/inspection process including writing of servo information.

A hard disk drive comprises a ROM (21) that stores a basic program for receiving a growth program used for self-optimization; and a MPU (20) that receives the growth program according to the basic program stored in the ROM (21), and that performs the self-optimization according to the received growth program. The basic program stored in the ROM (21) is used to check whether or not information specific to the hard disk drive (10) is stored in the EEPROM (22), or whether or not servo information is written to the magnetic disk (11), in order to recognize a state in which optimization of the hard disk drive itself is not yet performed.

Fig. 1.