

ABSTRACT OF THE DISCLOSURE (FIG. 1)

"READ/WRITE CONTROL SYSTEM FOR A DISK DRIVE"

A disk drive with a retry control function of
executing a retry operation when an error has occurred
5 in a read/write operation is disclosed. According to
a command from a host system, a CPU determines the
upper limit of a read/write operation time for each
data sector on the basis of the access range specified
by the command and the time limit of the command
10 process. Furthermore, the CPU executes a retry
operation on the data sector where an error has
occurred in the read/write operation. In this case,
the CPU performs control so as to end or stop the retry
operation within the time limited by the upper limit.
15 The CPU, even if it cannot correct an error by the
retry operation, makes the data including the error
valid and starts to access the next data sector.