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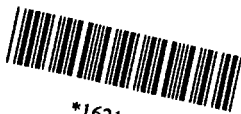
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ABSTRACT OF THE DISCLOSURE (FIG. 1)

"DISK DRIVE INCLUDING PERPENDICULAR MAGNETIC
RECORDING SYSTEM WITH WRITE COMPENSATION"

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There is disclosed a disk drive of a perpen-
dicular magnetic recording system including a write
compensator against magnetic disturbance. The write
compensator estimates strength and direction of the
10 magnetic disturbance based on the detection result of
the magnetic disturbance from a magnetic sensor during
a write operation. The write compensator executes
write compensation in accordance with the direction
of the magnetic disturbance and the recording
15 magnetization direction on a disk medium.



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