

ABSTRACT OF THE DISCLOSURE (FIG. 1)

"DISK DRIVE HAVING A MAGNETIC HEAD FOR
PERPENDICULAR MAGNETIC RECORDING"

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A disk drive is provided which realizes an effective variable track pitch structure of a perpendicular magnetic recording system. The disk drive uses a magnetic head including a write head
10 having a main magnetic pole structure with a bottom surface formed to have a trapezoidal or triangular shape. Tracks are recorded by the write head on a disk medium at a variable track pitch set based on the size of the bottom surface of the main magnetic pole
15 structure, skew angle and bevel angle.



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