

ABSTRACT OF THE DISCLOSURE (FIGS. 1A and 1B)

"DISK DRIVE AND MAGNETIC HEAD FOR
PERPENDICULAR MAGNETIC RECORDING"

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A magnetic head is operable for recording in
a perpendicular magnetic recording manner and has
a recording pole portion which has a soft magnetic
film and which generates a recording magnetic flux in
10 a vertical direction of the perpendicular magnetic
recording medium and in which the recording pole
portion includes a hard magnetic film to steadily
apply a static field and an exchange-coupling field
having the same polarity to the soft magnetic film of
15 the recording pole portion in a direction of a track
width. The recording pole portion may also have
a non-magnetic layer inserted between a soft magnetic
film and a hard magnetic film.



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