

Abstract

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VERTICAL WRITING TYPE MAGNETIC HEAD

10 Provided is a vertical writing type magnetic head including a substrate, a bottom
pole formed on the substrate, and a top pole aligned with and spaced a
predetermined distance apart from the bottom pole, wherein the bottom pole has
a narrower width than the top pole. The magnetic write head is constructed such
15 that the width of a bottom pole is narrower than that of a top pole, thereby
reducing extension of a magnetic field at sides of a top pole and effectively
preventing erasure of information of an adjacent track due to the bottom pole
overlapping the adjacent track when there is a constructional skew in a hard disk
drive.

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Fig. 5

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