

MAGNETIC SHEILD FOR FLUX LEAKAGE REDUCTION FROM A SPINDLE MOTOR

ABSTRACT OF THE DISCLOSURE

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The present invention provides a magnetic shield that would reduced the magnetic flux leakage from the base of the spindle motor to the printed circuit board assembly (PCBA) in a disc drive. The magnetic shield being integrated in the disc drive as part of the spindle motor without increasing costs to assembly of
10 the disc drive. The magnetic shield is made of layers of different materials to provide effective shielding. The magnetic shield is designed such that shielding effect is not affected during temperature changes in the disc drive.

15 FIG. 4