

HARD DISK APPARATUS, SLIDER SUPPORTING STRUCTURE, HEAD GIMBAL ASSEMBLY, AND MANUFACTURING METHOD THEREOF

ABSTRACT

Hard disk apparatus (70), slider supporting structure, head gimbal assembly (1), and manufacturing method thereof are disclosed. The slider supporting structure contains a flexure (8) having a flexure tongue (20) and an aperture (21, 22), the slider (25) being attached to the flexure tongue (20) so that the slider (25) has predetermined direction, the flexure (8) having elasticity, and the flexure (8) functioning as a suspension. A plurality of leads (32) are supported by the flexure (8) so that one end portion of each lead having a pad (28, 29, 30, 31) faces substantially perpendicularly to a pad-joint surface of the pad. the slider (25) being attached to the flexure tongue (20) and the pad-joint surface being formed on the slider (25). The aperture (21, 22) is formed so that at least a tip of the pad is included in the area of the aperture.

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