



ABSTRACT OF THE DISCLOSURE (FIG. 3)

"DISK APPARATUS AND HEAD SUSPENSION APPARATUS"

A head of a disk apparatus comprises a slider including a disk-facing surface positioned to face the surface of a recording medium and configured to fly by an air stream generated by the rotation of the recording medium in the clearance between the surface of the recording medium and the disk-facing surface. The disk-facing surface of the slider is sized not larger than 0.935 (mm) × 0.77 (mm), and the head load L (mN) and the lowest linear velocity A (m/s) of the recording medium within the disk apparatus have the following relationship:

$$L \geq 2.74 \times A + 2.7.$$

