



ABSTRACT OF THE DISCLOSURE

A magnetic storage apparatus includes a magnetic head having sliding front and rear pads on its sliding surface. The front pads are tapered toward their front ends and the height of the front pads are higher than the height of the rear pad. The tapered front pads are coated with a thin film. The magnetic pad is provided with a total of three pads, two pads on its front side and one pad on its rear side. The sum area of the pads is within a range of 0.0003 to 0.02 mm². A recording and reproducing operation is performed with the front pads and the rear pad concurrently kept in contact sliding with the surface of a recording medium. A reliable contact sliding is thus performed with the pads kept in contact with the recording medium. The magnetic head reliably operates with its recording and reproducing component kept in close vicinity with the recording medium. Therefore, a reliable magnetic head and a magnetic storage apparatus employing it are provided.

Fig. 6