

HEAD CONTACT TYPE MAGNETIC DISK MEMORY DEVICE
HAVING A NOVEL MAGNETIC HEAD SLIDER

ABSTRACT

A magnetic head slider for eliminating the fluctuations of the contacting forces between the magnetic head and the recording disk due to changes of atmospheric pressure or shocks is provided. The slider has a plurality of fluid force generating faces positioned at a plurality of differences in height levels. The magnetic head slider includes a positive pressure generation area and a contact pad provided on a top level along the air flowing due to rotation of the magnetic disk. The contact pad supports a magnetic head. A squeeze pad area is provided at an middle height level between the top level and the low level of the surfaces so as to across the low level of the surfaces for suppressing fluctuations of contacting forces between the magnetic head and the magnetic disk medium.

Figure 3