

HEAD SUPPORT MECHANISM AND THIN FILM PIEZOELECTRIC ACTUATOR

ABSTRACT OF THE DISCLOSURE

5 A head support mechanism includes a slider for
carrying a head at least for performing reproduction of data
from a disk; and a holding portion for holding the slider.
The holding portion includes: a first portion including a
first piezoelectric element; a second portion including a
second piezoelectric element; a third portion connected to
the first and second portions, the slider being provided
10 on the third portion; and a fixing portion for fixing the
first and second portions. At least one of the first and
second piezoelectric elements is contracted and expanded
in a direction substantially parallel to a surface of the
disk, in the presence of an applied voltage so that the slider
15 provided on the third portion is rotated around a
predetermined center of rotation.

[SELECTED FIGURE] FIGURE 1