

HINGE PIVOT FOR DISC DRIVE

Abstract of the Disclosure

5 A disc drive having an actuator assembly which includes an actuator arm
and having a pivot cartridge which consists of a sleeve, a shaft and a hinge. The
hinge is thin and short in the horizontal direction along the x-y plane and long in
the vertical direction along the z-axis. The hinge engages the sleeve and the shaft
with the ends of the hinge, allowing only the central part of the hinge configured to
10 be flexible. The assembly of the pivot cartridge into the actuator assembly forces
the actuator arm to rotate only about the z-axis.

FIG. 4

15