

**DAMPER DESIGN ON PIVOT BEARING SHAFT
BY VIBRATION REDUCTION**

ABSTRACT

5

A pivot cartridge assembly with improved resonance characteristics. One end of the pivot bearing shaft is mounted to the base of the disc drive, and the other end is secured to the cover of the disc drive in such a manner that the resonance characteristics of the pivot bearing assembly is

10 improved in both the axial and radial direction of the pivot bearing shaft.

Figure 4