

Head Assembly, Disk Drive Apparatus, Hard Disk Drive, and Method for Manufacturing Disk Drive Apparatus

Abstract

A head assembly (6) swinging over data storage media includes: magnetic heads (11c-11d) for reading/writing data from/to the data storage media; arms (9a-9c) to which the magnetic heads 11c-11d are attached; a pivot shaft holder (7) for supporting the arms (9a-9c); a coil (8) for VCM extended from the pivot shaft holder (7); and a counter weight (15) provided at a predetermined position opposite to a coil (8) for VCM with respect to the pivot shaft holder (7). Advantageously, adjustment of a center of gravity of the head assembly (6) of a depopulation version is possible, while suppressing occurrence of a resonance frequency affecting the performance of the disk drive apparatus.

Fig. 2