

ABSTRACT OF THE DISCLOSURE

PROCESS FOR PRODUCING HARD DISK DEVICE, PROCESS FOR ADJUSTING
FLYING HEIGHT OF MAGNETIC HEAD, AND HARD DISK DEVICE

A process for producing a hard disk device which is capable of producing a hard disk device having an excellent electromagnetic conversion characteristic at a high yield, and a process for adjusting flying height of a magnetic head having excellent reliability which is capable of improving the electromagnetic conversion characteristic of a hard disk device and preventing damage of a magnetic head derived from contact between a magnetic recording medium and a magnetic head are provided. Such a process for producing a hard disk device having a magnetic recording medium and a head gimbal assembly 20 having a magnetic head 3 which is arranged opposed to the magnetic recording medium to record and reproduce information includes an adjusting step of adjusting the flying height using an adjusting mechanism which adjusts the flying height of the magnetic head 3 to the magnetic recording medium while detecting the contact between the magnetic recording medium and the magnetic head 3 using a sensor 2 which is installed to the head gimbal assembly 20.

Figure 2