of the spacer 1 is reduced, an adhesive force between the spacer 1 and the magnetic disks 5 increases. If the adhesive force is too strong, it may be difficult to separate the spacer 1 and the magnetic disks 5, which adhere to each other, from each other when removing the magnetic disks 5 and the spacer 1 from the HDD apparatus.

As described above, an inspection such as a performance test is performed on HDD apparatuses after installation. If a problem is found in an HDD apparatus in a performance test or the like, the stacked magnetic disks 5 and spacers 1 are sequentially removed from the spindle 14 to remove a faulty magnetic disk 5. At this time, if a magnetic disk 5 and a spacer 1 are adhered to each other, the spacer 1 may be unseparable from the magnetic disk 5, or foreign matter may be generated when the spacer 1 is separated and minute particles of the foreign matter may attach to the surface of the magnetic disk 5. Such minute particles impair long-term reliability of the HDD apparatus.

Therefore, in order to suppress adhesion between the magnetic disk 5 and the spacer 1, the average inclination RΔa is set to be at least 0.02 in the present embodiment while the surface roughness Ra is set to be not larger than 1.0 μm. From the same standpoint, the average inclination RΔa is preferably at least 0.05, and more preferably at least 0.10. Although it is not always necessary to set the upper limit of the average inclination RΔa, the upper limit may be set to 0.3, for example. If the average inclination RΔa is larger than 0.3, there is a risk that the surface of the magnetic disk 5 will be damaged.

If the magnetic disk 5 and the spacer 1 adhere to each other, the magnetic disk 5 and the spacer 1 are separated from each other using a strong force, and therefore a portion of the surface of the magnetic disk 5 may be detached as minute particles. Such minute particles are not preferable because they cause impairment of long-term reliability of the HDD apparatus when attached to magnetic disks. If the surface roughness Ra is not larger than 1.0 μm and the average inclination RΔa is at least 0.02, adhesion between the magnetic disk 5 and the spacer 1 can be suppressed, and accordingly the