

ABSTRACT

A disk holding device according to the present invention is constituted by a turntable (21), a center hub (25), plural claw-shaped members (26), elastic members (27) which energize the claw-shaped members (26) in the direction of the radius of a disk (23), a centering ring (28) having an inclined portion (28b), which ring is movable in the direction vertical to the disk surface, and an elastic member (29) which energizes the centering ring (28) in the direction along which the disk (23) is pushed up. The internal diameter of the disk (23) engages with the inclined portion (28a) before a cylindrical portion of the internal diameter of the disk (23) gets over the claw-shaped members (26), whereby centering of the disk (23) is performed, and then the disk (23) is held.

The disk holding device constructed as described above is able to hold an optical disk such as a CD, a DVD, or the like, and perform more reliable centering of the disk. In addition, the products can be slimmed down, and further the number of parts and the amount of assembly work can be reduced.