

ABSTRACT OF THE DISCLOSURE**SWING ARM DRIVING TYPE OPTICAL RECORDING/REPRODUCING APPARATUS**

A swing arm driving type optical recording/reproducing apparatus is provided. The apparatus includes a base, at least one optical disk rotatably installed on the base, both sides of which are information recording surfaces, a plurality of optical pickups which are equal in number to the information recording surfaces so as to form light spots on the respective information recording surfaces of the optical disk, each including a light source for irradiating light, an optical path changing unit arranged on an optical path between the light source and each information recording surface for changing the traveling path of light, an objective lens arranged between the optical path changing unit and the information recording surface for condensing incident light on the information recording surface, and a photodetector for receiving the light reflected from the information recording surface and incident via the objective lens and the optical path changing unit, a swing member including a mount on which the light source, the optical path changing unit, and the photodetector are installed, a plurality of swing arms extended from the mount, a suspension one end of which is installed on a surface which faces the information recording surface of each swing arm for elastically biasing the other end, and a slider which is installed at the other end of the suspension, which contacts the information recording surface by the elastic bias of the suspension, and into which the objective lens is loaded, a supporting unit interposed between the base and the mount for supporting the swing member to be reciprocally rotatable centering around one hinge point on the base, and a magnetic driver for reciprocally rotating the swing member.

FIG. 1