

OPTICAL DEVICE AND OPTICAL PICKUP DEVICE

ABSTRACT

An optical pickup apparatus has an optical system and an objective lens. The optical system has a semiconductor laser and an optical element. The semiconductor laser has an astigmatic difference in which an oscillated light beam has a light emission point in a semiconductor junction plane different from that in a plane normal to the semiconductor junction plane. The optical element is arranged in a light path of a light beam radiated from the semiconductor laser for over-correcting the astigmatic aberration of the light beam radiated from the semiconductor laser. The objective lens converges the light beam radiated by the light source via the optical element.

Figure 15

This Sheet Has Been Replaced

