PHOTOMAGNETIC RECORDING MEDIUM AND FILM FORMING METHOD

ABSTRACT

A magneto-optical disc in which, for preventing damage to a recording layer in case the foreign matter is sandwiched between a magnetic field modulation head and the magneto-optical disc, or the magnetic field modulation head is contacted for some reason with the magneto-optical disc, the direction of magnetization of the recording layer formed on a polycarbonate substrate, designed for transmitting the laser light, is switched by the magnetic field modulation head. The magnetic field modulation head is mounted floating in a direction opposite to the direction of incidence of the laser light from an optical head converged on an objective lens. A diamond-like carbon (DLC) protective film, composed of a thin DLC film, is provided on the surface of recording layer towards the magnetic field modulation head.

FIGURE 8