EXPOSURE RECORDING METHOD FOR OPTICAL RECORDING MATERIALS

ABSTRACT OF THE DISCLOSURE

In an exposure device 20 for an optical disc master disc, the power density of light beam which is converged until the diffraction limit level by using a light source laser 1 of far ultraviolet radiation and an objective lens 7 having a numerical aperture of 0.85 or more is set to $4\upsilon \times 10^2$ W/cm^2 or more (υ[cm/sec] represents a linear velocity of recording), and a photoresist 8 on the master disc 9 of the optical disc is subjected to light exposure and heat treatment at the same time.

Figure 2