

ABSTRACT OF THE DISCLOSURE

TITLE OF INVENTION: OPTICAL PICKUP

To provide an optical pickup of thin form, an optical pickup comprises: a hologram laser unit in a package of hexahedron having a pair of main surfaces and two pairs of side surfaces, the two side surfaces of one of the pairs being partially cylindrical; a diffraction grating attached to one of the main surfaces and having its direction of diffraction parallel with said two side surfaces which is partially cylindrical; a base to support the unit 1 rotatable around the axis 10 of the light beam from the unit; a mirror 3 to reflect the beam to the disk 5; and an objective lens 4 placed between the mirror 3 and the disk 5 to focus the beam on the surface of the disk, wherein the projection 10a of the axis 10 of the beam onto the disk surface and the tangent 11 of the track 6 on the disk at the incidence point of the axis.

0-0412022

2 APR 1968