

ABSTRACT

INFORMATION RECORDING APPARATUS, AND GLASS SUBSTRATE FOR
INFORMATION RECORDING MEDIUM AND MAGNETIC RECORDING MEDIUM
USED IN THE INFORMATION RECORDING APPARATUS

In the present invention, a glass substrate is stably secured to the hub of SPM, and provided is an information recording apparatus in which the glass substrate for an information recording medium is not damaged even though strong impact has been applied to the information recording apparatus. As to the glass substrate, position P1, position P2 and position P3 on one contour of the main surface in a cross-section perpendicular to the main surface in a radial direction of the glass substrate for an information recording medium are set on the same plane. The contour is declined from the foregoing position P2 and in the direction of directing away from the main surface, passes through position P3 to reach the inner circumferential end face, and distance Δh between the foregoing position P3 and a reference plane based on a flat area of the main surface satisfies the specific conditions.

Figure 1