ABSTRACT

(Figure 4a, 4b, 4c, 4d, & 4e)

GLASS SUBSTRATE FOR A MAGNETIC DISC
AND MANUFACTURE THEREOF

The present invention relates to a glass substrate for a thin film magnetic data storage disc and to a process for producing such a glass substrate. The process includes the steps of:- (a) providing a glass substrate; (b) printing a masking pattern onto at least a portion of the surface of the substrate; and (c) etching the unmasked surface of the substrate thereby to texture the substrate surface. The glass substrate for a thin film magnetic data storage disc has a roughened surface produced by prefeferential area etching, the roughened surface being composed of a regular pattern of peaks separated by valleys.