This Sheet Has Been Replaced

THIS SHEET HAS BEEN REPLACED

ABSTRACT

(Figure 2)

SUBSTRATE FOR A MAGNETIC DISC
AND MANUFACTURE THEREOF

The present invention relates to a process for producing a substrate for a thin film magnetic data storage disc, the process including the steps of:- (a) providing a substrate; (b) printing a masking pattern of ink dots onto at least a portion of the surface of the substrate by an offset printing process in which the ink to form the masking pattern is transferred from a printing plate to the substrate by an offset printing member and wherein on transfer from the printing plate to the offset member the ink fragments into the ink dots; and (c) etching the unmasked surface of the substrate thereby to texture the substrate surface. The present invention also relates to a substrate for a thin film magnetic data storage disc, the substrate having a roughened surface composed of peaks separated by valleys produced by preferential area etching, the peaks being grouped into a plurality of substantially circular sub-arrays with the sub-arrays forming a regular pattern.