THIS SHEET HAS BEEN
REPLACED

MAGNETIC HEAD SLIDER AND METHOD FOR MAKING SAME

ABSTRACT

A magnetic bead slider 10 has a protective coating 22 on the rails 12, 14 thereof. The protective coating comprising a thin adhesion layer 24, a thin layer of amorphous hydrogenated carbon 24, and optionally a further masking layer 28. The protective coating is deposited on the air bearing surface of the slider after the thin film magnetic heads 20 are lapped to a chosen dimension, but before the pattern of rails is produced on the air bearing surface. The protective coating protects the magnetic head during the rail fabrication process and in usage in a magnetic recording system.

Figure 4D

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