THIS SHEET HAS BEEN REPLACED

SLIDER/SUSPENSION DESIGN FOR IMPROVED CROWN SENSITIVITY

ABSTRACT

For a slider (21) having convex curvature along its length, or "crown", a method for reducing fly height variation due to crown by shifting the peak of the crown toward the leading end, and the resultant slider structure. In a preferred method, peak shifting is accomplished in a slider (21) with symmetrical crown by affixing a suspension to the bonding surface of the slider (21) near the leading end. The bonding process creates a displacement force upon the slider (21) to effect the shift. An alternative approach reshapes a row of sliders prior to rail shaping, e.g., by sand or bead blasting.

Figure 5.

This Sheet Has Been Replaced

