

TUNING TRACK DENSITY FOR DATA STORAGE DEVICE

ABSTRACT OF THE DISCLOSURE

5 A data storage device has a plurality of head/surface combinations with different data track densities on at least two surfaces. A minimum head quality is established for the data storage apparatus. Head quality is identified for each of the heads at each of a plurality of track densities. A tuned track density is selected for each surface based on the track density that corresponds to a head quality.

10

Figure 2