

Abstract

Method for Increasing Storage Capacity and a Transducer Configuration Incorporating the Same

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The present invention provides a method for increasing storage capacity of a disc drive by physically skewing a transducer in relation to a slider supporting the transducer. The physical skew angle of the transducer is configured to provide a predetermined zero skew position on the medium, which is capable of providing
10 an increased storage capacity to the medium. To ascertain this zero skew position, a storage density or storage capacity of the medium may be ascertained for each of various zero skew positions on the medium. A desired storage density or capacity level is selected according to storage capacity requirements and the corresponding zero skew position is ascertained. The corresponding
15 zero skew position may be implemented by physically skewing a transducer relative to a slider.

(FIG. 8)