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ABSTRACT OF THE DISCLOSURE (FIG. 1)

"METHOD AND APPARATUS FOR HEAD POSITIONING CONTROL
WITH DISTURBANCE COMPENSATION IN A DISK DRIVE"

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A head positioning control system which is applied to a disk drive is disclosed. The system includes a feedback control system which performs head positioning control of a head and a feedforward control system. The feedforward control system detects the amplitude and phase of a disturbance based on the position error between the position of the head and a target position. The feedforward control system computes a disturbance compensation value for eliminating the disturbance to output the disturbance compensation value to the feedback control system based on each detection result of the amplitude and the phase.

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