

ABSTRACT OF THE DISCLOSURE

HEAD SUSPENSION ASSEMBLY WITH PRECISE POSITIONING ACTUATOR

A HSA includes a magnetic head slider with at least one thin-film magnetic head element, an actuator fixed to the magnetic head slider for performing precise positioning of the at least one thin-film magnetic head element, an IC chip having a first circuit for the thin-film magnetic head element and a second circuit for driving the actuator, and a suspension for supporting the actuator and the IC chip.

(Fig. 4)