

DISC DRIVE SLIDER WITH PROTRUDING
ELECTROSTATIC ACTUATOR ELECTRODE

ABSTRACT OF THE DISCLOSURE

5 A device for accessing data stored on a medium includes a substrate that
has a transducer on a back side, a bottom side facing the disc, and a surface that
protrudes from the bottom side. An insulation layer is placed on top of the
surface. An electrostatic actuator electrode is placed on top of the insulation layer.
The electrostatic actuator electrode faces the medium across an electrostatically
10 charged portion of an air layer. The electrostatic actuator electrode protrudes
above the surface into the electrostatically charged portion of the air layer.

FIGURE 2



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