

ABSTRACT

METHOD OF MANUFACTURING MAGNETIC HEAD SLIDER AND
METHOD OF FIXING MAGNETIC HEAD SLIDER

Provided are a method of manufacturing a magnetic head slider and a method of fixing a bar which can improve fabrication accuracy without increasing manufacturing costs.

After many thin film magnetic head devices are formed on a wafer by thin film process, the wafer is cut into a plurality of bars each including two or more magnetic head sliders. The plurality of bars is carried and mounted onto a suction plate, one by one, by using a carrier. At this time, a surface of each bar to be processed is brought into direct contact with a suction surface of the suction plate, and each bar is positioned in a plane parallel to the suction surface. Then, an adhesive is applied to the surface of a support substrate. The surfaces opposite to the surfaces to be processed of the plurality of bars held by the suction plate are pressed against the adhesive. In this state, the adhesive is allowed to set. Thus, the thickness of the adhesive varies according to variations in thicknesses of the plurality of bars. Therefore, the surfaces of the plurality of bars to be processed can be kept aligned with a reference plane.

FIG. 6