METHOD FOR MANUFACTURING MAGNETIC HEAD SUSPENSIONS AND METHOD FOR INSPECTING METAL SUBSTRATES FOR MAGNETIC HEAD SUSPENSIONS

ABSTRACT OF THE DISCLOSURE

A plurality of test pieces are taken from a long-sized substrate made of stainless steel, where the test pieces are arranged in parallel to the width direction TD of the substrate in a region near the forward end of the substrate. A variation among the curvatures of the test pieces is then measured. A substrate where the variation in the curvature is 0.002 [1/mm] or smaller is selected as a substrate used in manufacture of magnetic head suspensions. While the selected substrate is transported in its length direction, an insulating layer and a conductor layer are stacked on the substrate to form a plurality of magnetic head suspensions.

FIG. 1