ABSTRACT OF THE DISCLOSURE

MULTI-LAYER CONDUCTOR LEADS IN A MAGNETORESISTIVE HEAD

A magnetoresistive sensor includes a magnetoresistive material, formed on a substrate, and having a first edge and a second edge. A first multilayered conductive lead structure is electrically connected to the first edge, and a second multilayered conductive lead structure is electrically connected to the second edge. The first and second conductive lead structures are constructed of multiple layers of thin film materials that alternate between at least one layer of a thin film of a refractory metal interlaid between at least two thin film layers of a highly conductive metal.

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