

**THIN FILM MAGNETIC HEAD, AND A METHOD OF MANUFACTURING
THE SAME**

Abstract of the Disclosure

An object of the present invention is to provide a high record density thin film magnetic head by lowering a temperature of the heat treatment in a manufacturing
5 process of the thin film magnetic head to prevent deterioration of the magnetic characteristic of the magnetic film in the treatment process and a magnetic disk apparatus having the high record density thin film magnetic head.

10 A thin film magnetic head, particularly a recording-regenerating separate type thin film magnetic head and a magnetic disk apparatus having the thin film magnetic head, according to the present invention is characterized by that insulating films between an upper and a lower magnetic core
15 and a conductor coil are composed of a photoresist, a melamine resin and a cross-linking accelerating agent generating an acid by thermal decomposition.

FIG. 1