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ABSTRACT OF THE DISCLOSURE

Magnetic Recording Medium

By promoting isolation of magnetic grains in a surface of a magnetic layer and by introducing into the magnetic layer such a construction that includes a magnetic flux circuit easy for a recording magnetic field to penetrate into the magnetic layer of a magnetic recording medium, provided is the magnetic recording medium wherein high coercive force can be obtained, and as well an O/W property and an NLTS property can be enhanced, and an S/N ratio can also be enhanced, and resistance to thermal fluctuation is high, and a conventional tradeoff is avoided, and a manufacturing yield is excellent.

The magnetic recording medium comprises at least a substrate (10), a magnetic layer (60) formed on the substrate, and a segregation promoting layer (70) formed on the magnetic layer (60), wherein said segregation promoting layer (70) contains segregation promoting elements which diffuse into a surface layer portion of said magnetic layer to promote the isolation of magnetic grains in the surface layer portion.

Fig. 1