

ABSTRACT OF THE DISCLOSURE

SUBSTRATE FOR MAGNETIC RECORDING MEDIUM

Provided are a surface-treated substrate for a magnetic recording medium which has uniform properties with regards to film formation above a non-magnetic substrate and can contain thick film, and the magnetic recording medium comprising a recording layer. More specifically, it has been found that it is effective that the surface-treated substrate for the magnetic recording medium comprises a non-magnetic substrate and a primer plating layer disposed on the non-magnetic substrate wherein the non-magnetic substrate has been subjected to hydrophilic treatment. It has been also found that a magnetic recording medium comprising the surface-treated substrate for a magnetic recording medium, a soft magnetic layer and a recording layer is preferable as a perpendicular magnetic recording medium. Furthermore, it has been found that it is effective that the surface-treated substrate for a magnetic recording medium comprises a non-magnetic substrate and a primer plating layer on the non-magnetic substrate wherein a surface of the non-magnetic substrate comprises dimple shapes of a diameter at least 50 nm and less than 1000 nm, and of a depth less than the diameter.

Selected Drawing: Fig. 1