

ABSTRACT OF THE DISCLOSURE (FIG. 1)

"PERPENDICULAR MAGNETIC RECORDING MEDIUM"

A perpendicular magnetic recording medium comprises a combination of an under layer of a laminate structure including at least two layers and a Co-based magnetic layer. The particular combination is selected from the group consisting of i) Fe-containing layer/Ru/magnetic layer, ii) Co-containing layer/Ru/magnetic layer, iii) Ru/Co-containing layer/magnetic layer, iv) Ti-containing layer/Ru/magnetic layer, and v) soft magnetic layer/V or Cr/magnetic layer. A multi-layered structure of magnetic layer/Ru/magnetic layer is used as the magnetic layer included in combinations i) to v) given above. The perpendicular magnetic recording medium of the particular construction permits improving the perpendicular orientation of the Co-based magnetic layer and exhibits a high coercive force and a high reproducing output.