

ABSTRACT

PERPENDICULAR MAGNETIC RECORDING MEDIUM AND METHOD OF MANUFACTURING SAME

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A perpendicular magnetic recording medium of the invention comprises a magnetic film 6 provided on a nonmagnetic substrate 1. The magnetic film 6 is a multilayered lamination film composed of alternately laminated first magnetic layers 6a of cobalt layers and
10 second magnetic layers 6b of palladium layers, the second magnetic layers 6b containing SiO₂. By setting a ratio of Ku₂ to Ku to a value not smaller than a specified value, the compatibility between the ease of writing-in to the perpendicular magnetic recording medium by a head and the thermal stability of recorded magnetization is more
15 improved.

Selected Drawing: Fig. 1.