PERPENDICULAR MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING DEVICE USING THE SAME

ABSTRACT

The present invention is intended to provide a perpendicular recording medium suitable for a head (83) utilizing magnetoresistance effect as a reproducing head. The invention resides in a perpendicular magnetic recording medium (71) magnetized perpendicular to the film surface which is a perpendicular magnetic film (81) formed on a substrate or a non-magnetic film, wherein the perpendicular magnetic film contains Co and Cr, content of the Cr being 22 at .% or higher but 30 at .% or less.

Fig. 8