

ABSTRACT OF THE DISCLOSURE

MAGNETIC RECORDING MEDIUM AND MAGNETIC STORAGE UNIT

A magnetic recording medium is disclosed that includes a substrate, a base layer provided on the substrate, and a recording layer provided on the base layer. The recording layer includes a first magnetic layer and a second magnetic layer from the base layer side. Each of the first magnetic layer and the second magnetic layer includes a ferromagnetic material composed mainly of CoCrPtB.

5 base layer. The recording layer includes a first magnetic layer and a second magnetic layer from the base layer side. Each of the first magnetic layer and the second magnetic layer includes a ferromagnetic material composed mainly of CoCrPtB.

10 The first magnetic layer contains more B and less Cr than the second magnetic layer on an atomic percentage basis.

Figure 2