SINGLE-SIDED PERPENDICULAR MAGNETIC RECORDING MEDIUM

ABSTRACT OF THE DISCLOSURE

A magnetic recording medium used for perpendicular magnetic recording, the magnetic recording medium comprising: a substrate having a first surface and a second surface opposite to the first surface; a magnetic recording medium constituent layer formed on the first surface of the substrate, the magnetic recording medium constituent layer including at least a magnetic recording layer; a non-magnetic metal film formed on the second surface of the substrate; and a carbon-based protective film formed on the non-magnetic metal film.

FIGURE 1