

[ABSTRACT]

[Title of Invention]

MAGNETIC RECORDING MEDIUM

An object of the present invention is to provide a magnetic recording layer that has a high magnetic anisotropy constant K_u and a low Curie temperature T_c , as well as providing a magnetic recording medium that incorporates this magnetic recording layer. The magnetic recording medium of the present invention includes a nonmagnetic substrate and a magnetic recording layer, wherein the magnetic recording layer contains an ordered alloy, and the ordered alloy contains at least one element selected from the group consisting of Fe and Ni, and at least one element selected from the group consisting of Pt, Pd, Au, Rh and Ir, and also contains Ru.

<Fig 4>