

## ABSTRACT

### MAGNETIC RECORDING MEDIUM

A magnetic recording medium (10) with a reduced average grain diameter and reduced grain diameter dispersion is provided. A magnetic recording medium (10) having a magnetic property (magnetic anisotropy energy) applicable as a magnetic recording medium is provided. It is a magnetic recording medium (10) containing a substrate (1), a grain diameter control layer (2), a first seed layer (3), a second seed layer (4), and a magnetic recording layer (5) containing an ordered alloy disposed one upon another in this order, in which the second seed layer (4) is composed of (i) crystal grains having TiN as a main component, and (ii) a grain boundary material having at least one or more materials selected from the group consisting of metal oxides and carbon as a main component.

(Fig. 1)