

MASTER INFORMATION CARRIER AND MAGNETIC RECORDING
METHOD USING THE SAME

ABSTRACT

5 A master information carrier has a shape pattern corresponding to an
information signal array to be recorded on a magnetic recording medium, and
the shape pattern is provided by arraying a ferromagnetic thin film deposited
on a nonmagnetic substrate surface. The ferromagnetic thin film is either a
soft magnetic film or semihard magnetic film having not more than 40kA/m
coercive force in track length direction of the information signals, and residual
magnetization of the ferromagnetic thin film in the track length direction of
10 the information signals is greater than coercive force of the magnetic
recording medium. As a result, a master information carrier with superior
magnetic recording performance can be obtained.



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