

ABSTRACT

**METHOD FOR MANUFACTURING MAGNETIC-DISK SUBSTRATE AND
METHOD FOR MANUFACTURING MAGNETIC DISK**

A method for manufacturing a magnetic-disk substrate includes
5 polishing processing in which a substrate is sandwiched between a pair of
suede polishing pads, a slurry containing polishing abrasive particles is
supplied between the polishing pads and the substrate, and both main surfaces
of the substrate are polished by sliding the polishing pads and the substrate
relative to each other. Before the polishing processing is performed on the
10 substrate, dressing treatment for removing surfaces of the polishing pads is
performed on the polishing pads by sliding a dresser and the polishing pads
relative to each other while a coolant is supplied to the surfaces of the polishing
pads provided on surface plates. In the dressing treatment, a temperature of
the coolant or a coolant supply amount per unit time is controlled such that an
15 amount of heat that the coolant draws from the polishing pads is made larger
at the time at which the dressing treatment ends than at the time at which the
dressing treatment starts.

[FIG. 1]