

ABSTRACT

METHOD AND APPARATUS FOR MAGNETIC TRANSFER

The present invention provides a method for magnetic transfer and an apparatus for magnetic transfer, by which it is possible to transfer a transfer pattern with high
5 quality from a master carrier for magnetic transfer to a slave medium by magnetic transfer regardless of position of the magnetic pattern. The method and the apparatus for magnetic transfer according to the present invention are used to apply magnetic field for transfer by bringing the
10 master carrier for magnetic transfer into contact with the slave medium, said master carrier having a magnetic layer formed on a portion corresponding to an information signal on surface of a substrate, and said slave medium being a magnetic recording medium for receiving magnetic transfer
15 after performing initial DC magnetization by a magnetic field by more than 1.5 times higher than the coercive force H_{cm} of the slave medium under the condition that the slave medium is combined with the master carrier for magnetic transfer closely together, and a recording information on
20 the master carrier for magnetic transfer is transferred by applying a magnetic field in opposite direction to the direction of the initial DC magnetization under the condition that the slave medium is combined with the master carrier for magnetic transfer closely together.

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FIGURE : NONE