

ABSTRACT

MAGNETIC TRANSFER METHOD AND APPARATUS

A favorable magnetic transfer is performed on a vertical magnetic recording medium. A permanent magnet apparatus employs a transfer magnetic field generating means provided with two columnar permanent magnets, each having a cross-sectional surface are equal to or greater than that of the track surface of the slave medium. A conjoined body formed of a slave medium, which has been initially magnetized unidirectionally in the direction perpendicular to the track surface thereof, and two master mediums, disposed on respective surfaces of the slave medium, is inserted between the permanent magnets so that a transfer magnetic field can be applied thereto in the direction substantially opposite that in which the initial magnetization has been performed. A uniform transfer magnetic field is applied over the entirety of track surface of the slave medium so as to simultaneously perform a magnetic transfer over the entirety of the track surface.

Figure 1



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