## ABSTRACT OF THE DISCLOSURE

A method of writing a tracking servo signal pattern for a magnetic disc device includes the steps of recording only a first burst signal 8 and a second burst signal 9 with a servo track writer for writing tracking servo signals, followed thereafter by reproducing the first burst signal 8 and the second burst signal 9 with a magnetic head equipped in the magnetic disc device, and recording a third burst signal 10 and a fourth burst signal 11 with the magnetic head of the magnetic disc device, while controlling a position of the magnetic head in such a manner that a ratio in level of both of the reproduced signals becomes equal to a predetermined proportion.

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