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(21) International Application Number: PCT/GB98/00012 (22) International Filing Date: 5 January 1998 (05.01.98) (30) Priority Data: 9700117.6 6 January 1997 (06.01.97) GB (71) Applicant (for all designated States except US): HAVANT INTERNATIONAL LIMITED [GB/GB]; Langstone Road, Havant, Hampshire PO9 1SA (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): LEONARD, Anthony, William [GB/GB]; 20 College Close, Rowlands Castle, Hampshire PO9 6AJ (GB). (74) Agent: FLINT, Adam; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).		(81) Designated States: CN, JP, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.

(54) Title: METHOD AND APPARATUS FOR WRITING A CLOCK TRACK ON A STORAGE MEDIUM

(57) Abstract

A method and apparatus for writing clock data to a storage medium, such as a disk, is disclosed. The storage medium has tracks on which data are stored. Clock data is written to a present track on the storage medium. The written clock data is read from said present track. Clock data for a subsequent track on the storage medium is generated from the clock data read from said present track. The phase of the generated clock data for the subsequent track is compared with a reference timing signal and the phase of the generated clock data for the subsequent track is adjusted in accordance with said comparison. Said phase adjusted clock data for the subsequent track is written to said subsequent track. Phase errors can be significantly reduced and, for practical purposes, substantially eliminated. It is not necessary to provide a dedicated clock read/write head.

