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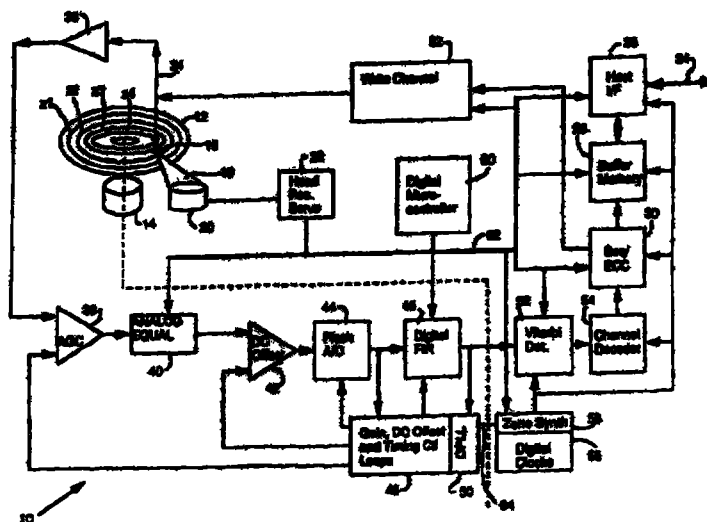
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(54) Title: **METHOD FOR OVERLAPPING BLOCK READ EVENTS IN DISK DRIVE**



(57) Abstract

The new method for overlapping block read events in a disk drive (10) having synchronously sampled data detection channels is presented. In particular, the new method is for overlapping read back processing by real-time and digital signal processing of first and second data blocks from a storage medium (12). The medium includes steps of clocking real-time (58) and digital signal processes (56) by a data transducer head, clocking the digital signal processes for the first data block by an asynchronous clock operating at a nominal data clocking rate after the first data block has passed by the data transducer head (16) and before a clock has synchronized to the second data block following the first data block, and clocking real-time signal processes for the second data block and completing clocking of the digital processes for the first data block by a clock synchronized to the second data block passing by the transducer head. The storage medium may be a magnetic hard disk, magnetic tape, or an optical disk, for example.