



[54] METHOD FOR PARTITIONING STORAGE REGIONS ON HARD DISK AND COMPUTER SYSTEM ADAPTED TO THE SAME

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5,675,769 10/1997 Ruff et al. 711/173
5,706,472 1/1998 Ruff et al. 711/173

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[57] ABSTRACT

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[30] Foreign Application Priority Data

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[51] Int. Cl.⁶ G06F 12/00

[52] U.S. Cl. 711/173; 711/4; 711/11

[58] Field of Search 711/111, 161, 711/173, 4

A method for partitioning a magnetic hard disk is disclosed which comprises obtaining an ending position of the file allocation table area by using information stored in the boot sector of the hard disk, detecting contents of the file allocation table (FAT) to obtain a starting position of areas, where data is not stored, of the data storage area, and setting the starting position as a starting position of a second of the at least two partition blocks. With the disk partitioning method, the second partition block is overlapped with a part of a first of the at least two partition blocks. Even though program files including a testing program of the computer system are erased from the second partition block (i.e., overlapped region), the computer system can recognize the whole area of the hard disk as an available limit storage region.

[56] References Cited

U.S. PATENT DOCUMENTS

5,136,711 8/1992 Hugard et al. 710/8

9 Claims, 7 Drawing Sheets

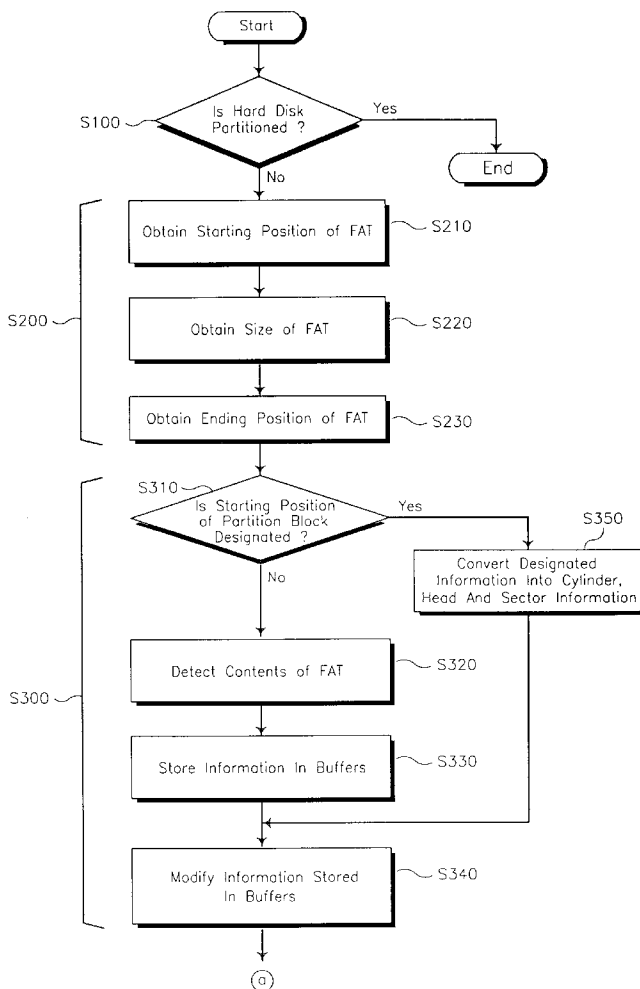


Fig. 1A

(Prior Art)

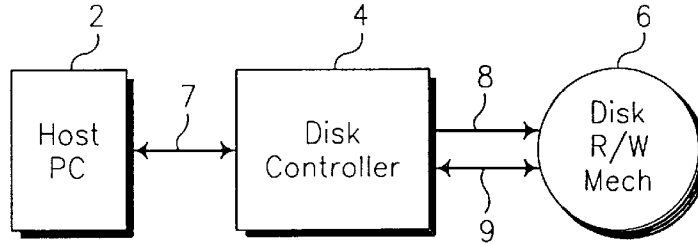


Fig. 1B

(Prior Art)

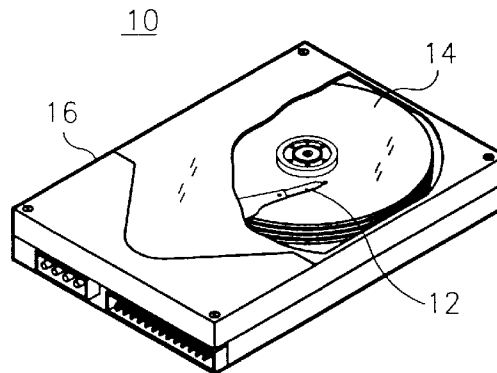


Fig. 2

(Prior Art)

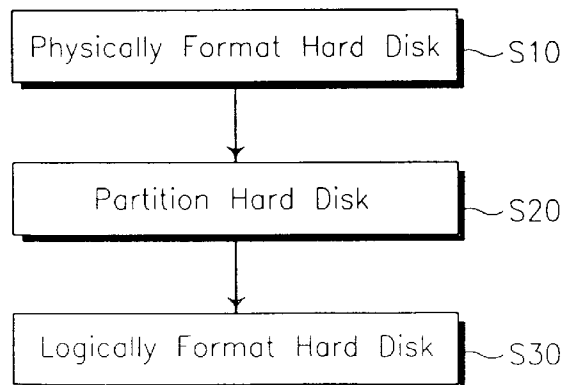


Fig. 3

(Prior Art)

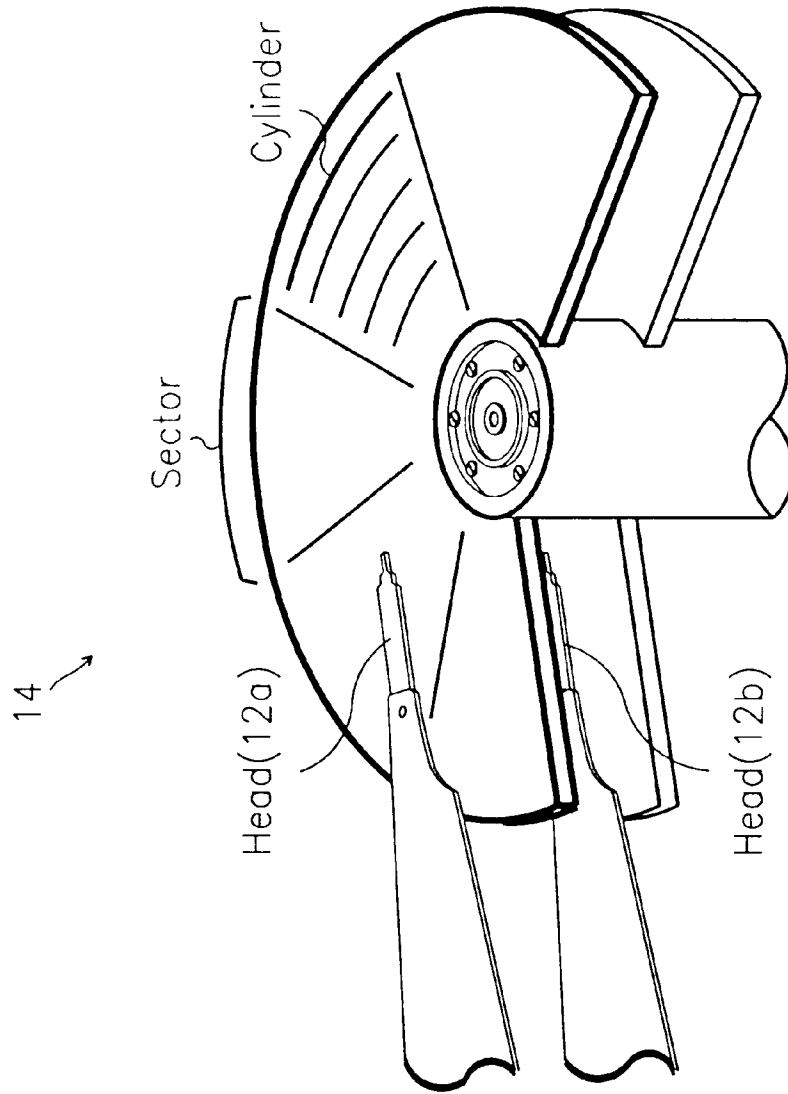


Fig. 4

(Prior Art)

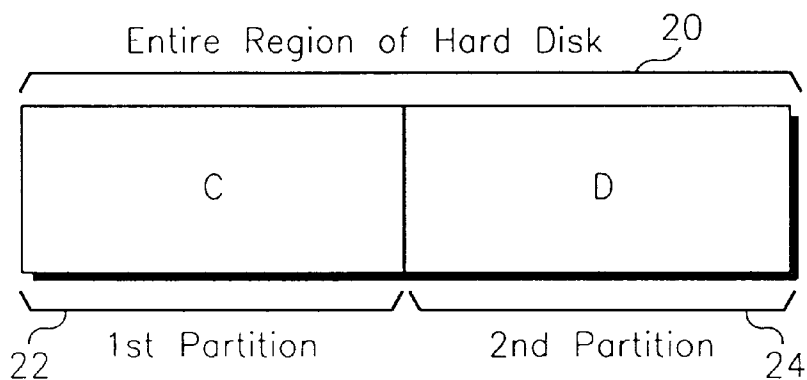


Fig. 5

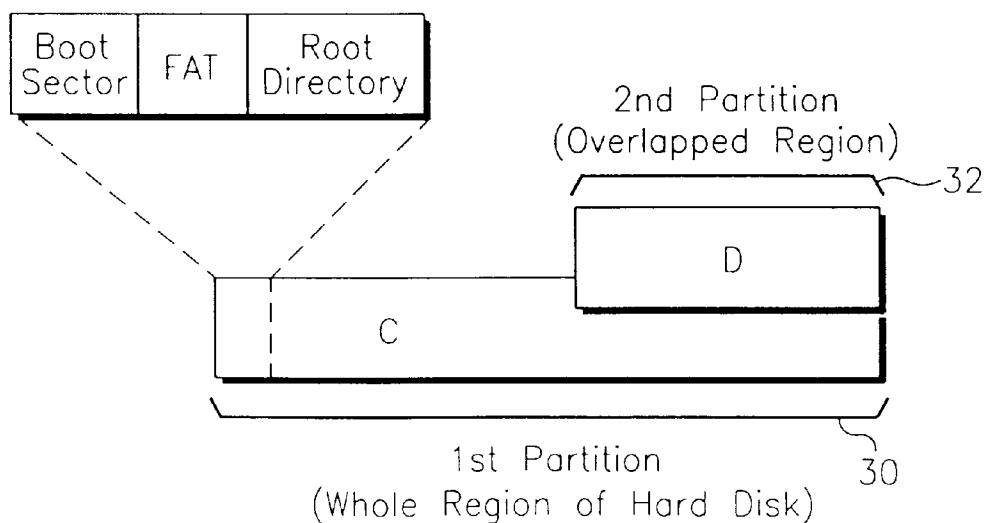
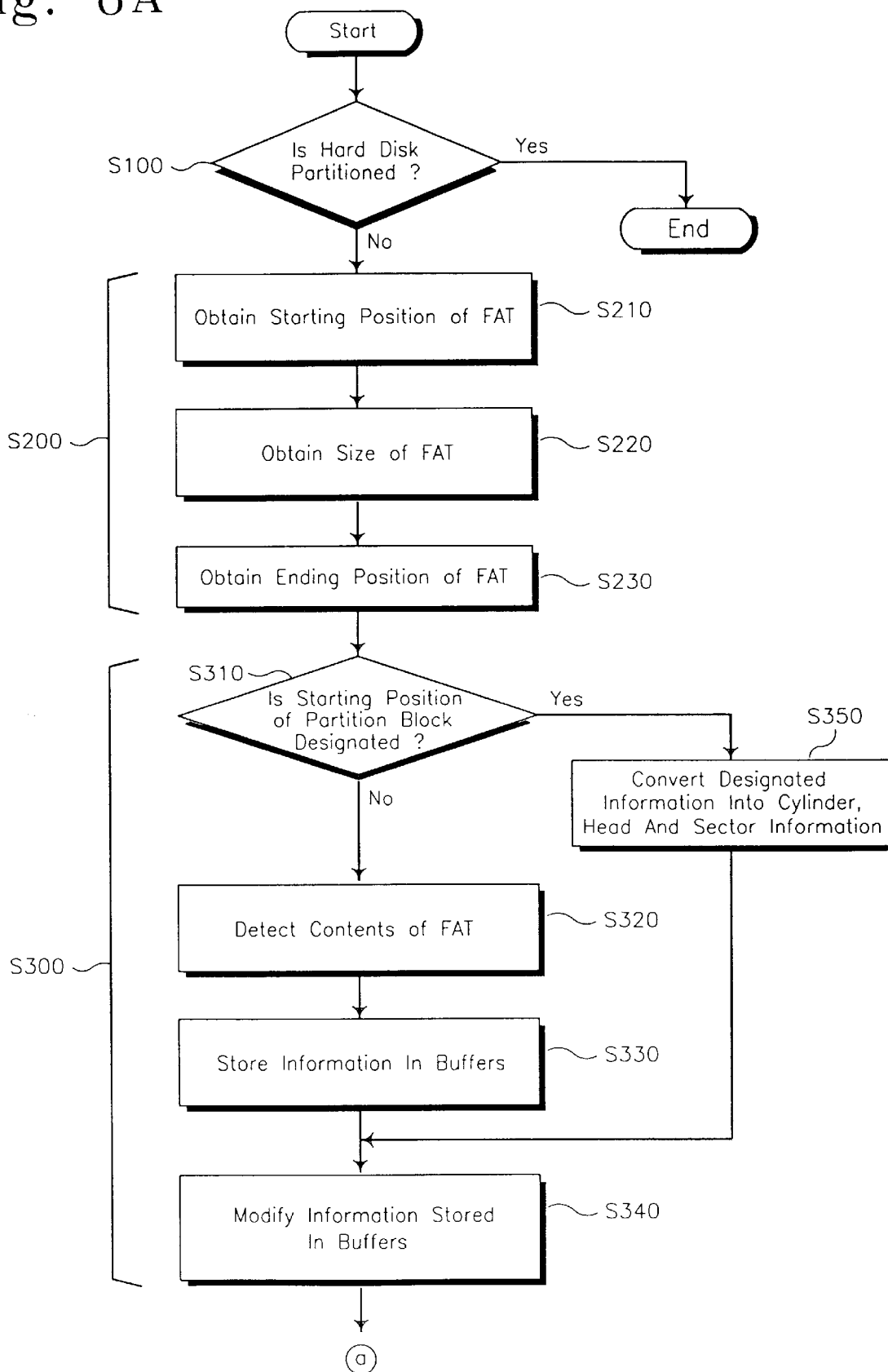


Fig. 6A



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