

SYSTEM AND METHOD FOR CHANGING PARTITION MAPPINGS TO LOGICAL DRIVES IN A COMPUTER MEMORY

Abstract of the Disclosure

A system and method for changing partition mappings to logical drives in a memory device of a computer. The computer includes a processor for running operating system code and a hard drive. The hard drive, which can be accessed by the processor, includes at least two partitions, the first partition initially being active and having a type that is recognized by the operating system and the second partition initially being inactive and having a type that is not recognized by the operating system. When the computer boots up, a logical reference value in the operating system code points to the first partition. A reference-changing routine is then run for dynamically switching the logical reference value to the second partition. This is achieved by having the reference-changing routine change certain tables in the operating code. The tables are used by the operating system code to logically map the logical reference to a particular partition. Therefore, after the reference-changing routine directs the logical reference to point to the second partition, the processor may continue running the operating code without requiring the computer to reboot.

Fig. 3