

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

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 one partition. When the computer boots up, a logical
5 reference value in the operating system code points to the partition. After the partition has been initialized or modified, a reference-updating routine is run for dynamically updating the logical reference value to correctly map to the partition. The reference-updating routine first locates and flushes any caches in the computer and closes any open files accessible by the operating system code. The routine then
10 loads a boot record for the partition and retrieves specific data therefrom. With the retrieved data, the routine updates the logical reference value. Therefore, after the reference-updating routine has performed the updating, the processor may continue running the operating code without requiring the computer to reboot.

Fig.3