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## ABSTRACT OF THE DISCLOSURE

# METHOD OF HANDLING FRAGMENTED BLOCKS OF A DISK

A method of handling fragmented blocks of a disk, including allocating a spare area for disk defect management, the method comprising forming a group out of a plurality of zones on a disk, the group including a user data area including a data block; allocating a primary spare area for the group; and allocating additional spare areas to skip the data block when the data block would be fragmented by a boundary between the plurality of zones. The primary spare area is utelized in slipping replacement of the group. The additional spare areas are allocated when the fragmentation of the data block is caused by a shifted-backwards phenomenon of a logical sector number caused by slipping replacement of a zone within the group.

Figure 2