

METHOD FOR ASSIGNING ALTERNATIVE SECTOR, METHOD FOR READING DATA,
DISK DRIVE APPARATUS, AND APPARATUS FOR WRITING, READING AND DATA

ABSTRACT

A request for writing data "a" into a sector (A) is made but the data is written into an alternative sector (A') in an alternative sector area (X) because the sector (A) is defective. When a write request for writing data "b" into a sector (B) is made subsequently, re-assignment is performed to a sector (B') subsequent to the alternative sector (A'). Similarly, a defective sector (C) for which a request for writing data "c" is made is re-assigned an alternative sector (C'). Thus, the successive data a, b, and c are written into the successive sectors (A'), (B'), and (C') in the same alternative sector area (X).

FIG. 1