ABSTRACT OF THE DISCLOSURE

RECORDING MEDIUM HAVING SPARE AREA FOR DEFECT MANAGEMENT AND METHOD OF ALLOCATING SPARE AREA

A recording medium having a spare area for defect management, and a method of allocating the spare area are provided. A plurality of zones are formed as one group without prescribing the relationship between a zone and a group. Spare areas include a spare area for slipping replacement and a spare area for linear replacement. The spare are for slipping replacement is first allocated, and the spare area for linear replacement is allocated according to the size of an area remaining after the spare area for slipping replacement is used and the purpose for which a disc is used. When the spare area for linear replacement becomes deficient during use of the disc, a supplementary spare area for linear replacement is allocated in sequence from the rearmost of a logical file area, such that the spare area can be more flexibly and effectively allocated.

FIG. 2