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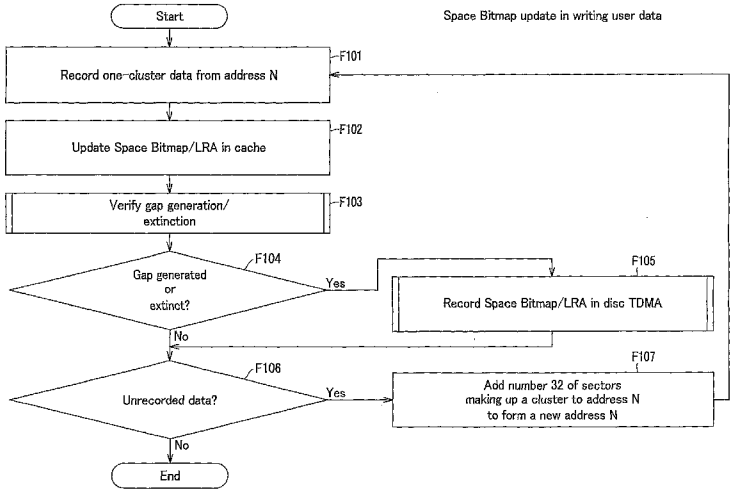
(54) Title: RECORDING AND/OR REPRODUCING METHOD AND APPARATUS



(57) Abstract: In a write-once recording medium, an optimum updating of the management information and a simple matching processing are to be achieved. To this end, in a system of a write-once medium, rendered accessible at random by employing the write/non-write indicating information, the management information, including a space bitmap and the last recording position information (LRA) indicating the last position of the recorded user data, is updated on the disc responsive to the generation or extinction of a gap (unrecorded area) in a region ahead of the LRA. The state of matching between the management information on the disc and the recording state of the user data is confirmed, responsive to the updating of the management information on the disc by the generation or extinction of the gap in the management information, by detecting whether or not the gap in the management information (gap indicated by the space bitmap) or the LRA is coincident with the gap or the LRA on the actual disc. Lacking the matching, the management information is updated to match the space bitmap or the LRA

WO 2004/112025 A1

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