

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 February 2004 (26.02.2004)

PCT

(10) International Publication Number
WO 2004/017314 A1

- (51) International Patent Classification⁷: **G11B 7/007** (74) Agent: LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, 137-874 Seoul (KR).
- (21) International Application Number: PCT/KR2003/000539 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 19 March 2003 (19.03.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 10-2002-0048706 17 August 2002 (17.08.2002) KR (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant: SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, 442-373 Kyungki-do (KR).
- (72) Inventors: LEE, Kyung-Geun; 122-1002 Sibeom Hanshin Apt., 87 Seohyun-dong, Bundang-gu, Seongnam-si, 463-050 Gyeonggi-do (KR). KO, Jung-Wan; 315-401 Daewoo Apt., 956-2, Cheongmyung Maeul 3-danji, Youngtong-dong, Paldal-gu, Suwon-si, 442-470 Gyeonggi-do (KR).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OPTICAL INFORMATION STORAGE MEDIUM AND METHOD OF RECORDING INFORMATION THEREON

BYTE NO	CONTENTS	THE NUMBER OF BYTES
0~(N-1)	...	—
N	WRITE PROTECTION INFORMATION AND DEFECT MANAGEMENT INFORMATION	1
(N+1)~M	...	—

(57) Abstract: Provided are an optical information storage medium and a method of recording information on the optical information storage medium. The optical information storage medium includes a lead-in area, a user data zone in which user data is recorded, and a lead-out area. Write protection information is recorded in at least one of the lead-in area and the lead-out area, together with defect management information.

WO 2004/017314 A1