

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/001822 A1

(51) International Patent Classification⁷: **G11B 7/007**

(21) International Application Number:
PCT/KR2004/001548

(22) International Filing Date: 25 June 2004 (25.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2003-0042998 28 June 2003 (28.06.2003) KR

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**
[KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si,
Gyeonggi-do 442-742 (KR).

(72) Inventor: **LEE, Kyung-Geun**; 229-1006 Sibeomdanji
Woosung Apt., 16, Seohyun 1-dong, Bundang-gu Seong-
nam-si, Gyeonggi-do 463-773 (KR).

(74) Agent: **LEE, Young-Pil**; The Cheonghwa Building,
1571-18, Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

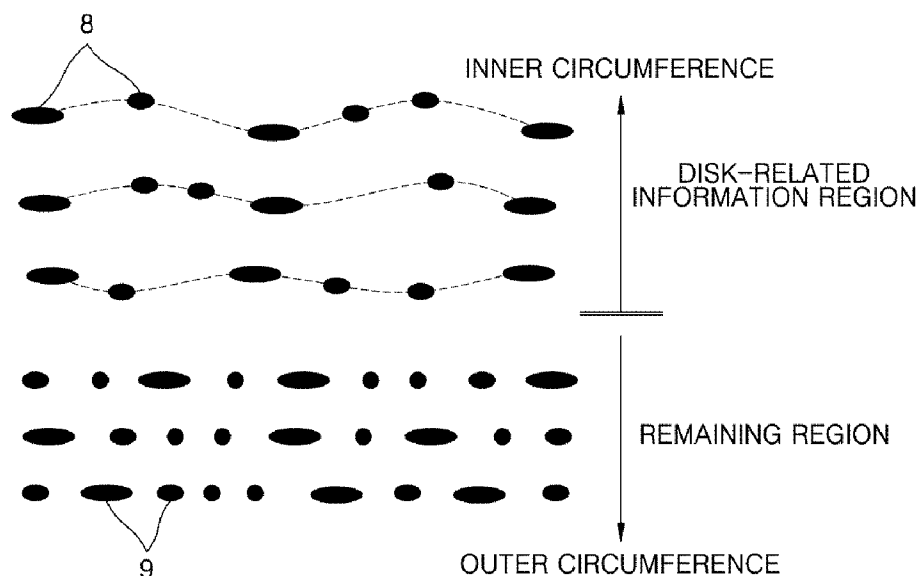
(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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: INFORMATION STORAGE MEDIUM AND METHOD AND APPARATUS FOR RECORDING/REPRODUCING DATA



(57) Abstract: An information storage medium having a lead-in area, a user data area, and a lead-out area, wherein information regarding whether additional information is recorded as wobbling pits is recorded in at least a portion of at least one of the lead-in and the lead-out areas.

WO 2005/001822 A1