SG 9802500-0
RTMP
COPY

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G11B 7/007, 7/00	A1	(11) International Publication Number: WO 97/15050
		(43) International Publication Date: 24 April 1997 (24.04.97)

(21) International Application Number: PCT/JP96/02977

(22) International Filing Date: 15 October 1996 (15.10.96)

(30) Priority Data:
7/270833 19 October 1995 (19.10.95) JP

(71) Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).

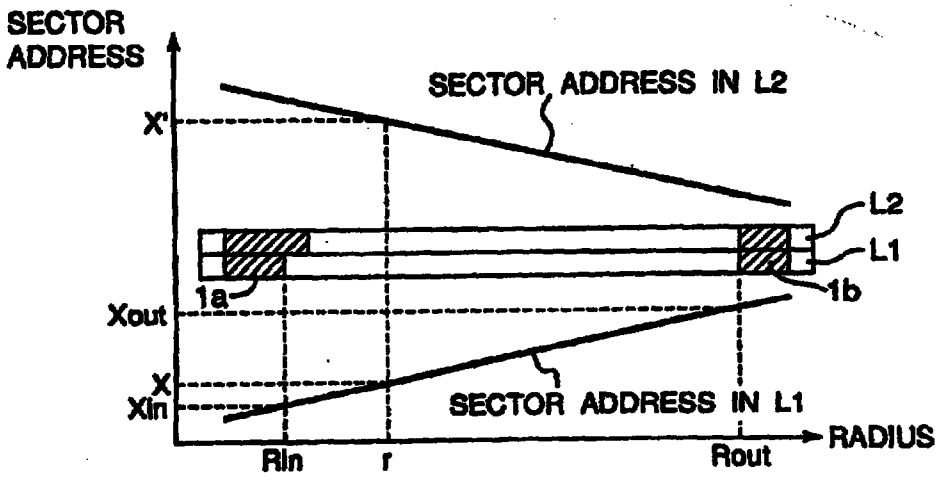
(72) Inventors: ITO, Motoshi; 17-25-302, Furuichi 3-chome, Joto-ku, Osaka-shi, Osaka 530 (JP). FUKUSHIMA, Yoshihisa; C-508, 14, Sekime 6-chome, Joto-ku, Osaka-shi, Osaka 557 (JP). UEDA, Hiroshi; 4-3426, Gotenyama minamimachi, Hirakata-shi, Osaka 573 (JP).

(74) Agents: AOYAMA, Tamotsu et al.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).

(81) Designated States: CN, JP, KR, MX, SG, VN, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
With international search report.
With amended claims and statement.

(54) Title: INFORMATION STORAGE MEDIUM, INFORMATION REPRODUCING METHOD, AND INFORMATION REPRODUCING APPARATUS



(57) Abstract

An optical disk has a first recording layer and a second recording layer placed one over the other in such a manner that information recorded in each layer is optically readable from one side of the disk. Tracks are formed on the first and second recording layers with a plurality of sectors provided along said tracks. The tracks on the first and second layers are in a spiral pattern and arranged such that the spiral patterns on the first and second layers have opposite winding directions when viewed from the same side of the disk. The sector addresses provided to the first recording layer increasig from the most inside circumference to the most outside circumference, and the sector addresses provided to the second recording layer increases from the most outside circumference to the most inside circumference. The sector addresses on the first and second layers in approximately corresponding places in the radial direction of the disk are in complementary relationship.