(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number
WO 01/16944 A1

(51) International Patent Classification[7]: G11B 5/60

(21) International Application Number: PCT/US00/23437

(22) International Filing Date: 25 August 2000 (25.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

| | | |
|---|---|---|
| 60/151,027 | 27 August 1999 (27.08.1999) | US |
| 09/645,231 | 24 August 2000 (24.08.2000) | US |

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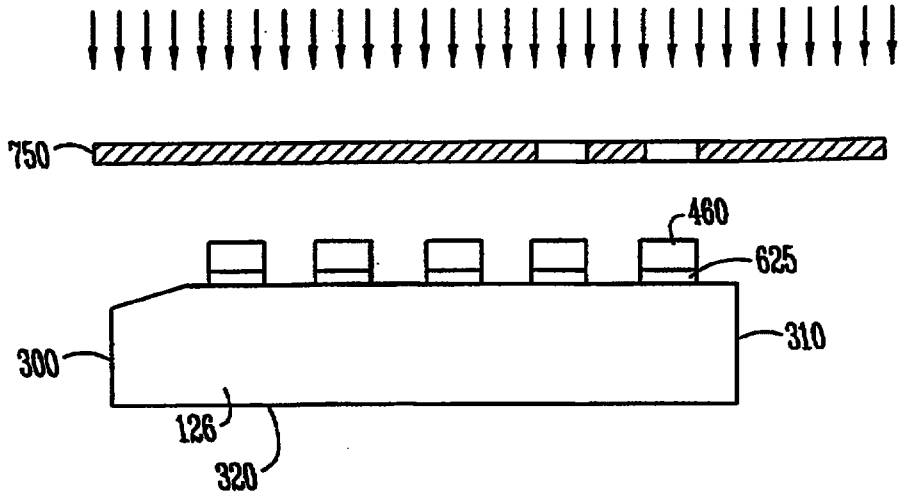
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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

*[Continued on next page]*

(54) Title: WEAR DURABILITY USING HIGH WEAR-RESISTANT SLIP PADS




(57) Abstract: A disc drive (fig. 1) includes a base (112) and a disc (134) rotatably attached to the base (112). The disc drive also includes an actuator assembly (120) rotatably attached to said base (112) and a device (128) for moving the actuator assembly (120). The actuator assembly (120) carries a slider (126) adapted to interface with the surface of the disc (134). The surface of the disc (134) is provided with an overcoat having a specific hardness. The slider (126) has a leading edge (300), a trailing edge (310), and an air bearing surface (400) positioned between the two edges. The slider (126) includes a plurality of slider integrated pads (450, 460), at least some of the pads (450, 460) having a hardness which is greater than the hardness of the disc surface. All the slider integrated pads (450, 460) may be harder than the hardness of the disc surface or at least a group of pads (450, 460) located near the trailing edge (310) of the slider (126) are harder than the hardness of the disc surface.

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**Published:**
— *With international search report.*
— *Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.*

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