RTMP'S COPY 97027197

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G11B 5/60 — A1

(11) International Publication Number: WO 96/19803

(43) International Publication Date: 27 June 1996 (27.06.96)

(21) International Application Number: PCT/US95/16369

(22) International Filing Date: 14 December 1995 (14.12.95)

(30) Priority Data:
08/359,104 19 December 1994 (19.12.94) US

(71) Applicant: CONNER PERIPHERALS, INC. [US/US]; 3081 Zanker Road, San Jose, CA 95134-2128 (US).

(72) Inventors: CHA, Ellis, Taeho; 1520 Vista Club Circle #202, Santa Clara, CA 95054 (US). LEE, Jia-Kuen, Jerry; 1398 Sajak Avenue, San Jose, CA 95131 (US). FRANCO, Luis, P.; 8712 Lions Creek Drive, Gilroy, CA 95020 (US). WORKMAN, Michael, L.; 14918 Three Oaks Court, Saratoga, CA 95070 (US).

(74) Agent: SHERIDAN, James, A.; Flehr, Hohbach, Test, Albritton & Herbert, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94114 (US).

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

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

(54) Title: A PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER

(57) Abstract

For use in a disk drive, a head comprising a slider (26) having a bottom air bearing surface, a leading edge and a trailing edge; a magnetic transducer mounted by the slider at the trailing edge of the slider; and a protective overcoat (40) adhered to the air bearing surface of the slider and having a leading edge and a trailing edge. The trailing edge of the protective overcoat being spaced from the trailing edge of the slider such that the minimum distance from the slider to the surface of a disk in the disk drive is between the magnetic transducer (25) and the disk surface (22).

