

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 August 2001 (23.08.2001)

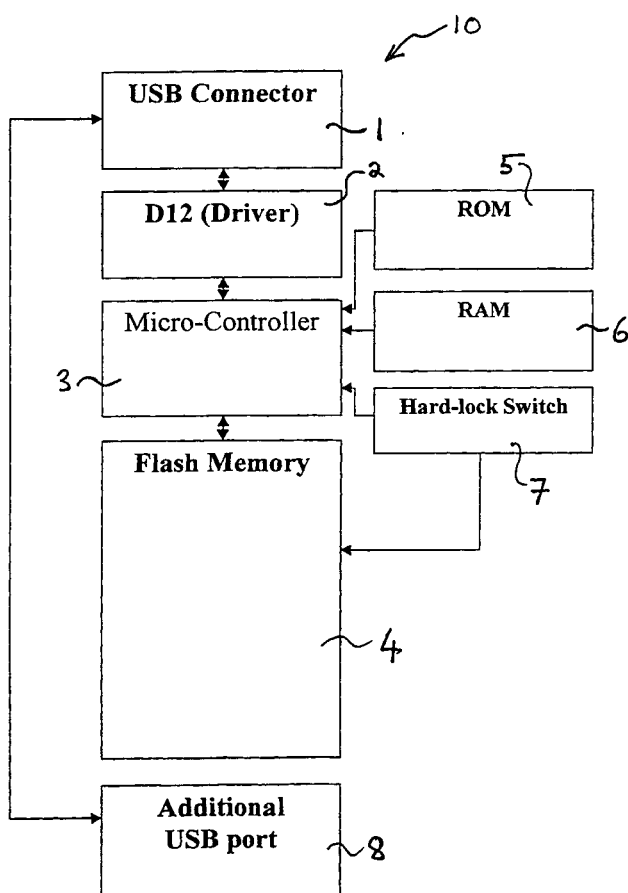
PCT

(10) International Publication Number
WO 01/61692 A1

- (51) International Patent Classification⁷: **G11B 11/00**
- (21) International Application Number: **PCT/SG00/00029**
- (22) International Filing Date: 21 February 2000 (21.02.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **TREK TECHNOLOGY (SINGAPORE) PTE LTD [SG/SG]**; 30 Loyang Way #07-13/14/15, Loyang Industrial Estate, Singapore 508769 (SG).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **CHENG, Chong, Seng [SG/SG]**; 129 Loyang Rise, Singapore 507472 (SG).
- (74) Agent: **MCCALLUM, Graeme, David**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).
- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, 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).
- Published: — with international search report

[Continued on next page]

(54) Title: A PORTABLE DATA STORAGE DEVICE



(57) Abstract: A portable data storage device (10) includes a universal serial bus (USB) coupling device (1) and an interface device (2) is coupled to the USB coupling device (1). The portable data storage device (10) also includes a memory control device (3) and a non-volatile solid-state memory device (4). The memory control device (3) is coupled between the interface device (2) and the memory device (4) to control the flow of data from the memory device (4) to the USB coupling device (1).



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.