

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 April 2007 (05.04.2007)

PCT

(10) International Publication Number
WO 2007/037757 A1

(51) International Patent Classification:

G11C 16/00 (2006.01) *G06F 12/02* (2006.01)
G11C 7/00 (2006.01)

(21) International Application Number:

PCT/SG2005/000328

(22) International Filing Date:

29 September 2005 (29.09.2005)

(25) Filing Language:

English

(26) Publication Language:

English

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(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, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

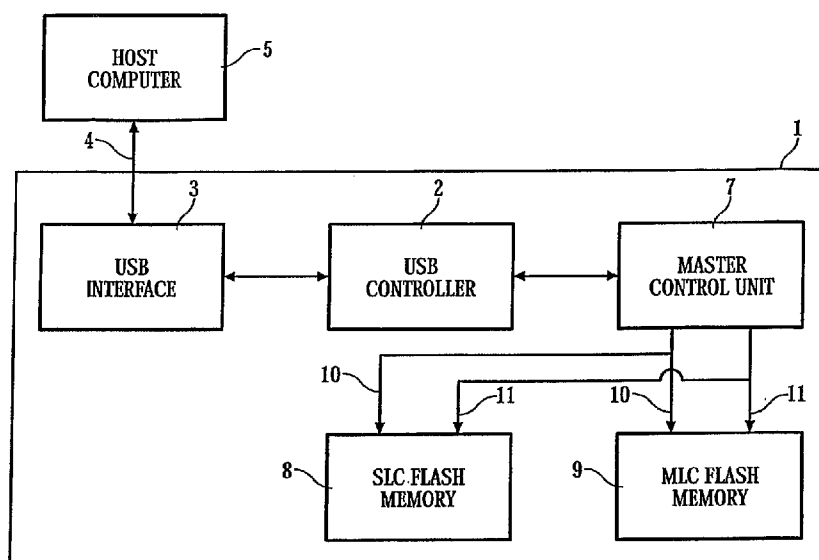
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, 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).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

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(54) Title: PORTABLE DATA STORAGE USING SLC AND MLC FLASH MEMORY



(57) Abstract: A portable data storage device is disclosed that includes an interface (3) for enabling the portable data storage device to be used for data transfer with a host computer (5), and an interface controller (2) for controlling the interface (3). There is also a master controller (7) for controlling the writing of data to and reading of data from a non-volatile memory (8, 9). The non-volatile memory is at least one single level cell (SLC) flash memory (8) and at least one multiple level cell (MLC) flash memory (9). The at least one single level cell flash memory (8) and at least one multiple level cell flash memory (9) are able to operate simultaneously for improving the speed of operation over onl multiple level cell flash memory.



Published:

— with international search report

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