

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 December 2006 (07.12.2006)

PCT

(10) International Publication Number
WO 2006/130119 A1

(51) International Patent Classification:
G06F 13/37 (2006.01)

(21) International Application Number:

PCT/SG2006/000158

(22) International Filing Date: 11 May 2006 (11.05.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/142,691 1 June 2005 (01.06.2005) US
11/177,240 8 July 2005 (08.07.2005) US

(71) Applicant (for all designated States except US): **CRE-
ATIVE TECHNOLOGY LTD** [SG/SG]; 31 International
Business Park., Creative Resource, Singapore 609921
(SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SIM, Wong Hoo**
[SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG).
LOO, Chian Yi [SG/SG]; 11 Upper Neram Road, Sin-
gapore 805975 (SG). **LIM, Chin Fang** [MY/SG]; 221a,
Jurong East Street 21, #09-883, Singapore 601221 (SG).

(74) Agent: **ALBAN TAY MAHTANI & DE SILVA**; 39
Robinson Road, #07-01, Robinson Point, Singapore
068911 (SG).

(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, KN, 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.

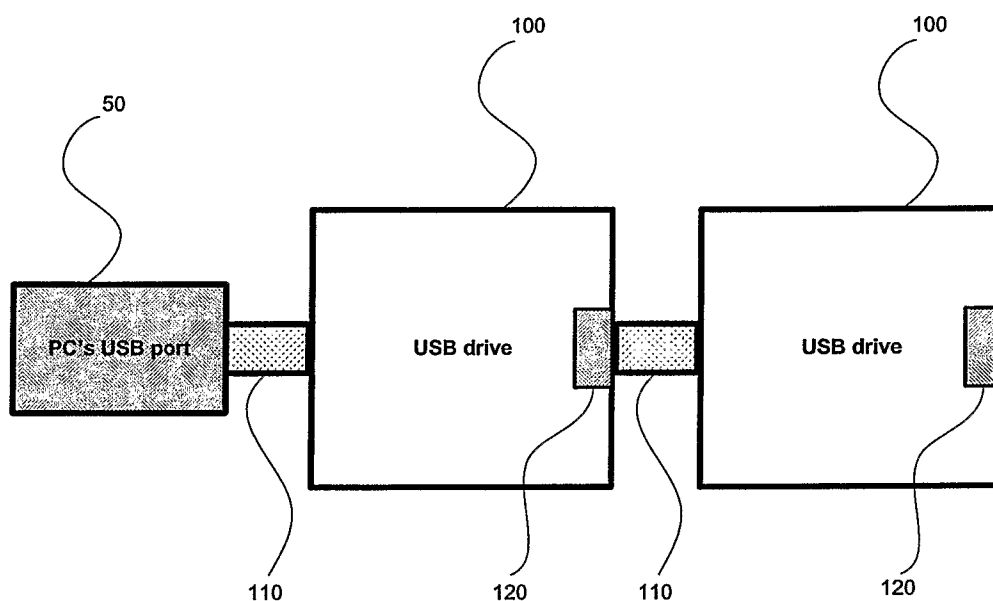
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT,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

[Continued on next page]

(54) Title: A PORTABLE DATA STORAGE DEVICE



(57) Abstract: A portable storage device (100), which can be connected in series with at least one other portable storage device (100) via interconnecting plugs (110) and sockets (120) which adhere to a standard, such as the Universal Serial Bus (USB) or IEEE 1394 standards; and where the storage device (100) comprises a processor running firmware, which enables the interconnected devices to operate as if they were a single storage device, with the file allocation table from each connected device (100) cascading down to the first connected device (100), where it is stored in memory; and where a single file can be distributed over several interconnected storage devices.

WO 2006/130119 A1



Published:

— with international search report

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.