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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 December 2010 (09.12.2010)

PCT

(10) International Publication Number
WO 2010/139973 A1

(51) International Patent Classification:
G11B 33/08 (2006.01) *G11B 33/12* (2006.01)

(21) International Application Number:
PCT/GB2010/050810

(22) International Filing Date:
18 May 2010 (18.05.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/184,453 5 June 2009 (05.06.2009) US

(71) Applicant *(for all designated States except US)*: **XYRATEX TECHNOLOGY LIMITED** [GB/GB]; Langstone Road, Havant Hampshire PO9 1SA (GB).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **KAY, Alexander, Stephen** [GB/GB]; 23 Dunbar Road, Milton, Southsea Hampshire PO4 8EX (GB). **BAILEY, Stephen, Andrew** [GB/GB]; 43 Cavendish Drive, Waterlooville Hampshire PO7 7PL (GB).

(74) Agent: **FREEMAN, Avi**; Beck Greener, Fulwood House, 12 Fulwood Place, London London WC1V 6HR (GB).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(54) Title: APPARATUS FOR SUPPORTING A DISK DRIVE AND DISK DRIVE TEST APPARATUS

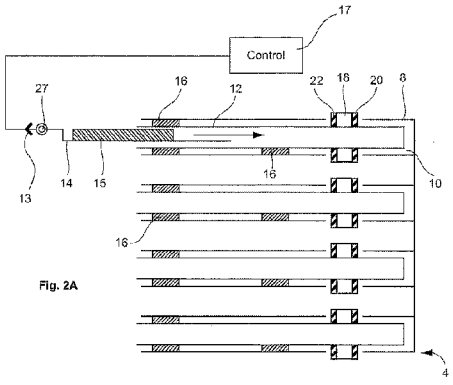

Fig. 2A

(57) Abstract: The invention provides a method and apparatus for inserting a disk drive into or removing a disk drive from a test cell, the test cell comprising plural slots, each slot having a carrier for receiving the said disk drive, the method comprising: moving the carrier out of the slot into an open position so that it can receive a disk drive, wherein the carrier remains in contact with the slot; inserting a disk drive into the carrier when the tray is still in contact with the slot; and moving the carrier containing the disk drive into a closed position back in the slot.

WO 2010/139973 A1