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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number
WO 2004/044711 A3

(51) International Patent Classification[7]: G06F 19/00

(21) International Application Number:
PCT/US2003/036426

(22) International Filing Date:
12 November 2003 (12.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/292,035 12 November 2002 (12.11.2002) US

(71) Applicant *(for all designated States except US)*: **DELL PRODUCTS, L.P.** [US/US]; One Dell Way, Round Rock, TX 78682-2244 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **JARVIS, Marc, Everett, Andrew** [US/US]; 125 Northcliffe, Belton, TX 76513 (US). **HANES, Kevin, Lee** [US/US]; 7306 West Magic Mountain, Round Rock, TX 78681 (US). **RALEY, Jefferson, Watts** [US/US]; 2033 Creole Drive, Austin, TX 78727 (US). **NAGASE, Kent, William** [US/US]; 652 Columbine Avenue, Cedar Park, TX 78613 (US).

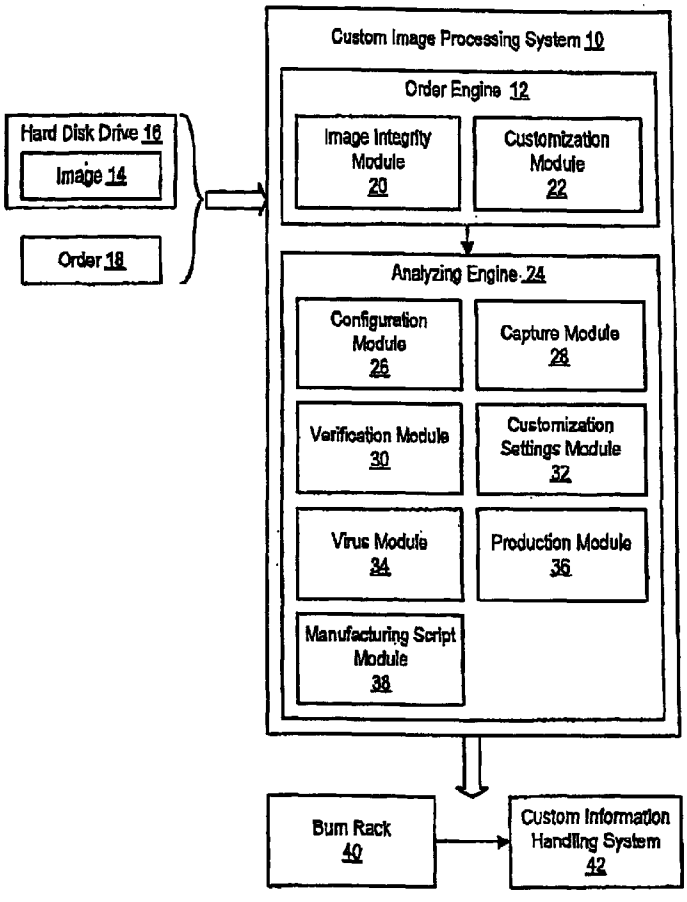
(74) Agent: **CHONG, Leighton**; Ostrager Chong & Flaherty (Hawaii) PC, 841 Bishop Str., Suite 1200, Honolulu, HI 96813 (US).

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

(84) Designated States *(regional)*: ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: INFORMATION HANDLING SYSTEM FOR CUSTOM IMAGE MANUFACTURE



(57) Abstract: A custom image processing system (10) for receiving custom image order and automatically processing the custom image orders to generate production images on manufactured information handling system. An order engine (12) accepts an image (14), such as by interfacing with a hard disk drive (16), and an order (18) that specifies the customer requirements and hardware configuration information of the ordered information handling systems. An image integrity module (20) of order engine (12) interacts with hard disk drive (16) to check that the integrity of image was not damaged in shipping, with lost sectors. A customization module (22) of order engine (12) accepts customization information from order (18) or from a user interface in order to set the level of customization information may include changes to each image to create unique SIDs or computer names.

WO 2004/044711 A3

Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

(88) Date of publication of the international search report:
29 December 2004

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.