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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 September 2008 (12.09.2008)

PCT

(10) International Publication Number
WO 2008/108626 A1

(51) International Patent Classification:
G06F 17/30 (2006.01)

(21) International Application Number:
PCT/MY2008/000017

(22) International Filing Date: 3 March 2008 (03.03.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PI 20070321 2 March 2007 (02.03.2007) MY

(71) Applicant *(for all designated States except US)*: **E-MANUAL SYSTEM SDN. BHD.** [MY/MY]; 40, Lorong Dungun, Damansara Heights, 50490 Kuala Lumpur (MY).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **KEE, Kim, Seng** [MY/MY]; 21, Jalan Dungun, Damansara Heights, 50490 Kuala Lumpur (MY). **PEH, Chee, How, Stephen** [MY/MY]; 194, Jalan 5/49A, Petaling Garden, 46000 Petaling Jaya, Selangor (MY). **ABDUL HALIM, Khairul, Nizam** [MY/MY]; B3A07 Block B, Kelana D'Putra Condo, Jalan SS7/26, Kelana Jaya, 47301 Petaling Jaya, Selangor (MY). **WONG, Wing, Seong** [MY/MY]; 1522 Temple Road, Jinjang North, 52000 Kuala Lumpur (MY). **CHOO, Chee, Yong** [MY/MY]; N°7 Jalan 21/27, Sea Park, 46300 Petaling Jaya, Selangor (MY). **NAH, Soo, Hoe** [MY/MY]; N°62, Lorong Burhamuddin Helmi Enam, Taman Tun Dr. Ismail, 60000 Kuala Lumpur (MY). **CHOW, Yuan, Kai** [MY/MY]; 41-A Jalan Alor, Off Jalan Bukit Bintang, 50200 Kuala Lumpur (MY). **YEE, Ket, yong** [MY/MY]; C1117 Jalan PJU 3/29, Palm Spring @ Damansara, Kota Damansara, 47810 Selangor (MY). **YAP, Tuck, Pooi** [MY/MY]; 20, Jalan 3/26, Taman Sri Rampai, Setapak, 53300 Kuala Lumpur (MY).

(74) Agent: **CHUAH, Jern, Ern**; Advanz Fidelis Sdn. Bhd., Suite 609, Block D, Phileo Damansara 1, No. 9 Jalan 16/11, 46350 Petaling Jaya, Selangor Darul Ehsan (MY).

(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, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE,

[Continued on next page]

(54) Title: A METHOD OF DATA STORAGE AND MANAGEMENT

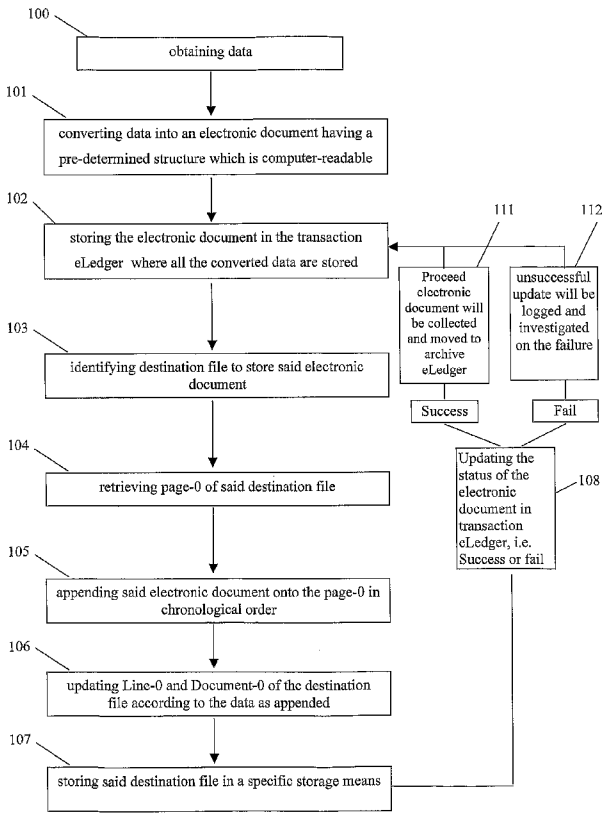


Figure 1

(57) Abstract: The present invention relates to a method of electronic data storage, integration, management, retrieval and organization that mimics the physical filing system through the use of account-centric non-table driven methodologies. The method of the present invention stores data related to the same account in an account-centric ledger file, where such ledger is a virtual folder that is being implemented using DBMS as the filing apparatus. The data as stored in the ledger can be retrieved as a whole when requested. Another embodiment of the present invention relates to a computer program having a module where execution of said module generates the method for storing, integrating, managing, retrieving and organizing data in accordance with the present invention.

WO 2008/108626 A1

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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

— *with international search report*