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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 September 2006 (14.09.2006)

PCT

(10) International Publication Number
WO 2006/096139 A1

(51) International Patent Classification:
G06F 17/21 (2006.01) *G06F 17/30* (2006.01)

(21) International Application Number:
PCT/SG2006/000052

(22) International Filing Date: 10 March 2006 (10.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/659,864 10 March 2005 (10.03.2005) US

(71) Applicant *(for all designated States except US)*: **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **GE, Shuzhi** [SG/SG]; c/o National University of Singapore, Department of Electrical and Computer Engineering, 10 Kent Ridge Crescent, Singapore 119260 (SG). **CHEN, Xiangdong** [SG/SG]; c/o National University of Singapore, Department of Electrical and Computer Engineering, 10 Kent Ridge Crescent, Singapore 119260 (SG). **HAN, Xiaoyan** [CN/SG]; c/o National University of Singapore, Department of Electrical and Computer Engineering, 10 Kent Ridge Crescent, Singapore 119260 (SG).

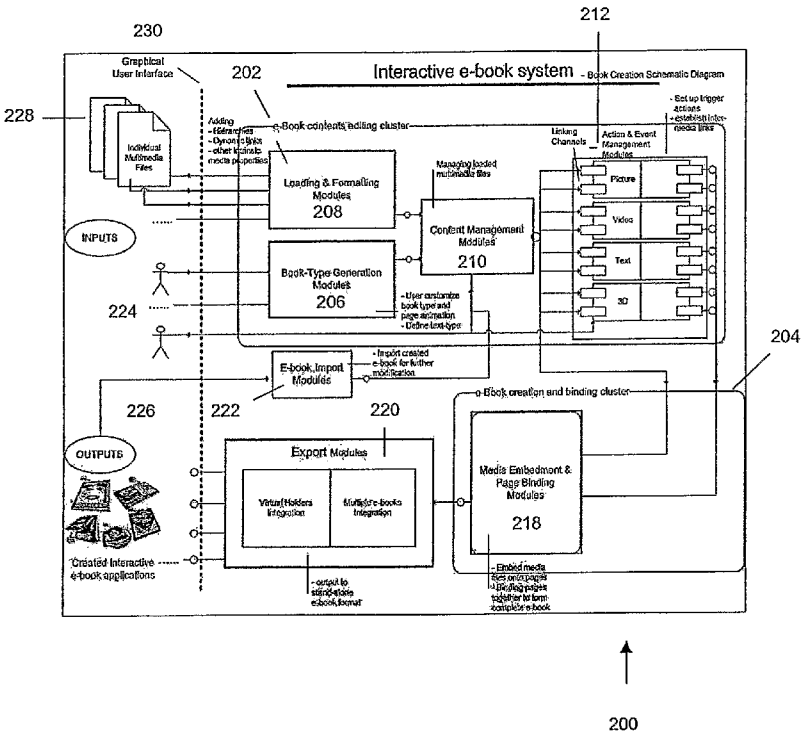
(74) Agent: **ELLA CHEONG SPRUSON & FERGUSON (SINGAPORE) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

(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).

[Continued on next page]

(54) **Title:** AN AUTHORING TOOL AND METHOD FOR CREATING AN ELECTRONIC DOCUMENT



(57) **Abstract:** An authoring tool for creating an electronic document, a method for creating the electronic document, a data storage medium for instructing a computer to execute the method for creating the electronic document and a data storage medium for instructing a computer to display the electronic document. The authoring tool comprises: a template module for selecting a template for the electronic document, the template comprising one or more display pages; a content management module for arranging one or more media files on each display page with selected interrelationships between the media files; a generating module for creating an electronic page file for each display page, wherein the media files are embedded in the respective electronic page files based on the selected interrelationships and in a manner such that each electronic page file includes interrelationship data defining the interrelationships of the embedded media files in said each electronic page file with other media files in said each electronic page file and with other media files in other electronic page files of the electronic document; and a binding module for electronically binding the respective electronic page files so as to create the electronic document.

WO 2006/096139 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.