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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 March 2007 (15.03.2007)

PCT

(10) International Publication Number
WO 2007/030683 A3

(51) International Patent Classification:
*G06F 17/00* (2006.01)

(21) International Application Number:
PCT/US2006/034974

(22) International Filing Date:
7 September 2006 (07.09.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/715,986 9 September 2005 (09.09.2005) US
11/332,468 13 January 2006 (13.01.2006) US

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(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, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, 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.

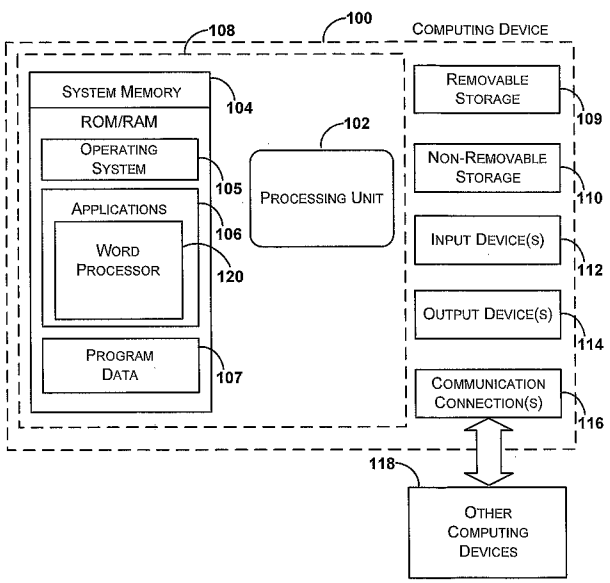
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT,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

**Published:**
— *with international search report*

(88) Date of publication of the international search report:
14 June 2007

*[Continued on next page]*

(54) Title: REAL-TIME SYNCHRONIZATION OF XML DATA BETWEEN APPLICATIONS




(57) Abstract: One or more data stores are maintained separately from a primary presentation storage within a document for storing, relating and for allowing use of arbitrary data that is associated with a computer-generated document between multiple data consumers. The data store exposes application programming interfaces (APIs) to the various pieces of data in the data store for allowing different data consumers to access and operate on one or more of the data pieces in real time. Multiple data consumers may access and edit the same piece of data concurrently, and any conflicting changes to a given piece of data are resolved. Each data consumer may accept or reject the change as well as make additional side-effect changes as a result of the original change. In this way, the data may be synchronized in real time across the data consumers.

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