

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 March 2005 (03.03.2005)

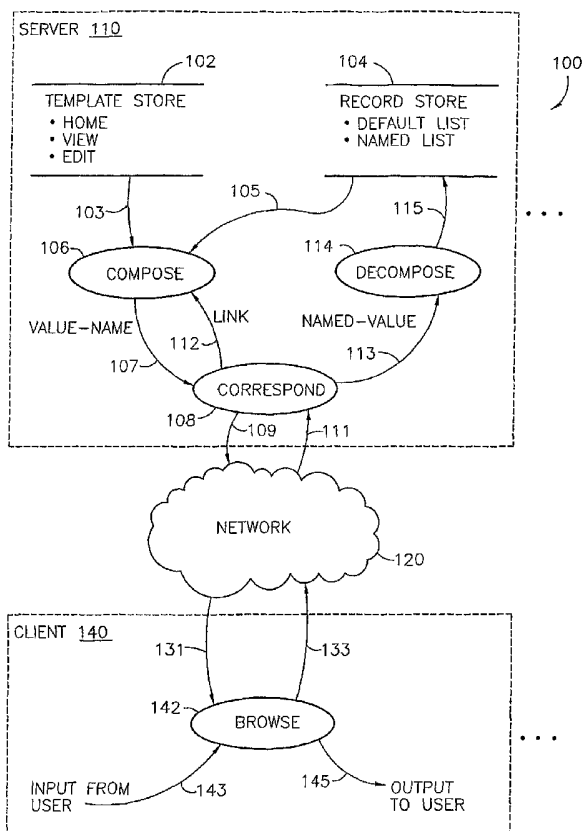
PCT

(10) International Publication Number
WO 2005/020026 A3

- (51) International Patent Classification⁷: **G06F 7/10**
- (21) International Application Number:
PCT/US2004/027178
- (22) International Filing Date: 20 August 2004 (20.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/647,086 22 August 2003 (22.08.2003) 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, 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, NA, 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 (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,

[Continued on next page]

(54) Title: DYNAMIC SUBSTITUTION SEMANTICS FOR WEB-BASED SYSTEMS



(57) Abstract: A method performed by an information system application service is disclosed. A template is parsed to identify a set of elements that form a unique key. The set of elements includes a group name, subgroup name, and sequence element. A value is retrieved from a data store using the unique key. Presentation data is generated from the template by replacing the set of elements with the retrieved value. In an alternative embodiment, a method for updating a data store is disclosed. A messaging framework message received from a client is parsed to identify a set of elements that form a unique key and associated update value. A value is updated in the data store with the identified value using the unique key to uniquely select a particular value from the data store for updating. An information system that generates presentation data and updates a data store is also disclosed.



FR, GB, GR, HU, IE, IT, LU, 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).

(88) Date of publication of the international search report:
2 June 2005

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/27178

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 7/10 US CL : 707/104.1 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 707/104.1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, E	US 6,789,077 B1 (SLAUGHTER et al), 07 September 2004 (07.09.2004), column 7 to column 94.	1-32
X	US 6,484,149 B1 (JAMMES et al), 19 November 2002 (19.11.2002), column 1 to column 56.	1-32
A	USPA Pub 2003/0110058 A1 (FAGAN et al), 12 June 2003 (12.06.2003), Page 1, Paragraph [0007] to Page 5, Paragraph [0062].	1-32
A, P	US 6,678,867 B2 (FONG et al), 13 January 2004 (13.01.2004), column 2 to column 29.	1-32
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 10 March 2005 (10.03.2005)		Date of mailing of the international search report 07 APR 2005
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