(19) World Intellectual Property Organization

International Bureau



19 July 2007 (19.07.2007)

(43) International Publication Date

(51) International Patent Classification: G06F 17/50 (2006.01)

(21) International Application Number:

PCT/US2006/062306

(22) International Filing Date:

19 December 2006 (19.12.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/323,762

30 December 2005 (30.12.2005) US

- (71) Applicant (for all designated States except US): SWIFT CREEK SYSTEMS, LLC [US/US]; 155 Fleet Street, Portsmouth, New Hampshire 03801 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): MORRIS, Robert Paul [US/US]; 6021 Fordland Drive, Raleigh, North Carolina 27606 (US).
- Agent: TYTRAN, Stephen J.; 111 Corning Road, Ste 220, Cary, North Carolina 27518 (US).

(10) International Publication Number WO 2007/081646 A3

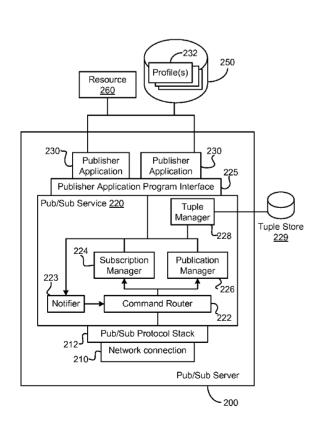
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, 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

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PROVIDING CUSTOMIZED SUBSCRIPTION DATA



(57) Abstract: A method and system are described for providing customized subscription data. According to an exemplary embodiment, a method is described for receiving a subscription request for a tuple via a publish/subscribe protocol from a subscriber, and sending a first message related to the subscription request to a publisher capable of providing customized information associated with the tuple, where the customized information is based on a characteristic of the first message. The method further includes receiving from the publisher a second message including the customized information and in response to receiving the second message, constructing a notification including the customized information and using the publish/subscribe protocol to send the notification including the customized information to the subscriber.

- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 17 April 2008

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 06/62306

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 17/50 (2007.01)				
USPC - 705/29				
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)				
USPC - 705/29				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 705/14, 24, 26, 29, 40 text search, see search terms below				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(PGPB,USPT,USOC,EPAB,JPAB); DialogPRO(Engineering); Google Scholar Search Terms Used: custom, customize, customized, subscribe, subscription, publish, notify, notification, tuple, XML, profile, virtual, token, schema, "(URI)", resource, identifier, protocol				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
х	US 2005/0131778 A1 (BENNETT et al.) 16 June 2005 (16.06.2005), entire document especially Figs 1, 2, 4, 7, 9, 10, 14, 15; para [0012], [0025], [0033], [0046], [0051], [0053], [0056]-[0057], [0060]-[0062], [0064], [0067], [0069]-[0073], [0075]-[0076], [0079].		1-31 and 34-36	
			32 and 33	
	US 2004/0002988 A1 (SESHADRI et al.) 01 January 2004 (01.01.2004), especially Fig 5; para [0083], [0086].		32 and 33	
Further documents are listed in the continuation of Box C.				
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "I later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
"E" earlier a filing da	earlier application or patent but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive considered novel or cannot be considered to involve an inventive			
cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other combined wi		"Y" document of particular relevance; the considered to involve an inventive s combined with one or more other such decembers.	ment of particular relevance; the claimed invention cannot be idered to involve an inventive step when the document is bined with one or more other such documents, such combination	
		being obvious to a person skilled in the "&" document member of the same patent f		
	ctual completion of the international search	Date of mailing of the international search report		
15 October 2007 (15.10.2007)		14 FEB 2008		
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 PCT Helpter: 571-272-4300			244	
Facsimile No. 571-273-3201 PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774			V~.	