## (19) World Intellectual Property Organization International Bureau



## - | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 |

(43) International Publication Date 15 November 2007 (15.11.2007)

# (10) International Publication Number WO 2007/131203 A3

(51) International Patent Classification:

G06F 3/00 (2006.01) G06F 13/00 (2006.01)

G06F 9/44 (2006.01)

(21) International Application Number:

PCT/US2007/068294

(22) International Filing Date: 4 May 2007 (04.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/746,630 5 May 2006 (05.05.2006) US 11/744,191 3 May 2007 (03.05.2007) US

(71) Applicants and

- (72) Inventors: FASSETTE, Anthony, M. [US/US]; 9577 W. Blue Sky Dr., Peoria, AZ 85383 (US). YOUNG, Jason, A. [US/US]; 10124 E. Pantera Ave., Mesa, AZ 85212 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ROSEN, Jason, M. [US/US]; 5801 Wispy Wind St., Las Vegas, NV 89148 (US). LAUGHLIN, Sean [US/US]; 5899 Meadow Lark Ct., Milford, OH 45150 (US).

- (74) Agent: VOLK, Michael, D.; Stoneman Law Offices, Ltd., 3113 North 3rd Street, Phoenix, AZ 85012-2601 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, 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, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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: DATABASE MANAGEMENT FUNCTION PROVIDER SYSTEMS

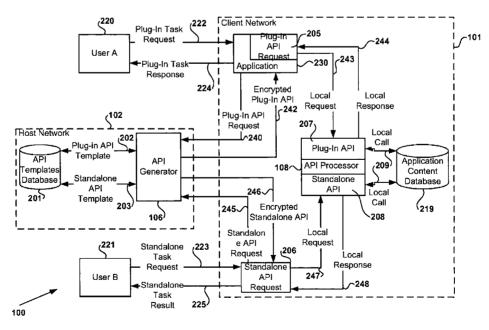


FIG. 4

(57) Abstract: A system for improving management and delivery of database management functions (also know as APIs) to customers. Additionally, the system encompasses methods for simplifying delivery and use of standardized database management functions by users while improving management and control of the standardized database management functions (API's) through unique methods of encryption, decryption and execution management.



#### 

- 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: 28 August 2008

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/68294

A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 3/00( 2006.01),9/44( 2006.01),9/46( 2006.01),13/00( 2006.01)				
USPC: 707/10;719/310,330 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.: 707/10; 719/310,330				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched EAST (USPGPUB,USPAT,USOCR,EPO,JPO,IBM_TDB)				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEEE, ACM, Google Scholar				
C. DOC	JMENTS CONSIDERED TO BE RELEVANT			<del></del> _
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
Y	US 6,457,066 B1 (MEIN et al) 24 September 2002 (24.09.2002), entire document			1-38
Y	US 20050166209 A1 (MERRICK et al) 28 July 2005 (28.07.2008), entire document			1-38
				·
Further documents are listed in the continuation of Box C. See patent family annex.				
* S	pecial categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the		
	defining the general state of the art which is not considered to be of		theory underlying the inve	
particular relevance  "E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)				
			with one or more other such documents, such combination being obvious to a person skilled in the art	
	published prior to the international filing date but later than the ate claimed	"&" document member of the same patent family		
Date of the a	ctual completion of the international search	Date of mailing of the international search report		
	(29.05.2008)	•	1 D	
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US		Authorized officer  OUBLIGE DAVE  DEBORAH A. THOMAS		
Commissioner for Patents		CHELCIE DAYE  PARALEGAL SPECIALIST  Telephone No. 571-272-8530		
P.O. Box 1450 Alexandria, Virginia 22313-1450				
Facsimile No	. (571) 273-3201			pos