(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 26 October 2006 (26.10.2006)

(10) International Publication Number WO 2006/112987 A3

- (51) International Patent Classification: *G06F 17/00* (2006.01)
- (21) International Application Number:

PCT/US2006/009244

- (22) International Filing Date: 15 March 2006 (15.03.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

11/104,922

12 April 2005 (12.04.2005) US

- (71) Applicant (for all designated States except US): MI-CROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, Washington 98052-6399 (US).
- (72) Inventor: COULOMBE, Joseph S.; One Microsoft Way, Redmond, Washington 98052-6399 (US).
- (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).

Declarations under Rule 4.17:

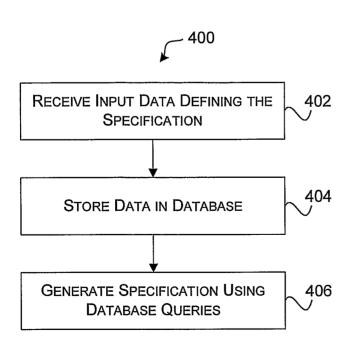
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report
- (88) Date of publication of the international search report:

14 February 2008

(54) Title: METHODS AND SYSTEMS FOR SPECIFYING A USER INTERFACE FOR AN APPLICATION



(57) Abstract: Systems and methods for generating and/or modifying a specification for an application. Data to be incorporated into the specification is stored in a database. The data is stored in the database according to a conceptual model that allows a specification generator application to generate the specification by making a series of queries to the database. Because the data is stored in a database, a change to a particular piece of data need only be made once, thereby simplifying maintenance and increasing accuracy of the specification.



INTERNATIONAL SEARCH REPORT

International application No. PCT/US 06/09244

A. CLASSIFICATION OF SUBJECT MATTER IPC (8) - G06F 17/00 (2007.01) USPC - 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)			
USPC - 707/104.1			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 707/1; 707/4; 707/8; 707/101; 707/102			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
PubWEST (USPT, PGPB, EPAB, JPAB) - terms: workflow, database, specif\$, generator, user, interface, UI, pages, table Google - terms: specification, workflow, user, interface, database			
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 6,141,660 A (BACH et al.) 31 October 2000 (31.10 10, In 27-67, col 11, In 1-38, col 16, In 1-23 and col 17,		1-20
Α	US 6,268,850 B1 (NG) 31 July 2001 (31.07.2001)		1-20
		·	
		·	
	·		
Furthe	er documents are listed in the continuation of Box C.	· 🔲	
"A" document defining the general state of the art which is not considered		"T" later document published after the intern date and not in conflict with the applica the principle or theory underlying the ir	tion but cited to understand
to be of particular relevance "E" earlier application or patent but 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	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be	
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive st combined with one or more other such de being obvious to a person skilled in the	ocuments, such combination
		"&" document member of the same patent fa	amily
Date of the actual completion of the international search 31 May 2007 (31.05.2007)		3 0 OCT 2007	h report
Name and mailing address of the ISA/US		Authorized officer:	
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents		Lee W. Young	
B 1 9 M		PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774	