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(71) Applicant (for all designated States except US): **THE MATHWORKS, INC.** [US/US]; 3 Apple Hill Drive, Natick, MA 01760 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SZPAK, Peter** [US/US]; 47 Arapahoe Road, Newton, MA 02465 (US). **PACHECO, Paulo** [US/US]; 1 Gabriela Lane, Westport, MA 02790 (US). **ROBL, Christian** [DE/DE]; Buchberger Strasse 40, 94560 Offenberg (DE). **OREHEK, Martin** [IT/DE]; Bonner Str.21, 80804 Munich (DE).

(74) Agents: **CANNING, Kevin, J.** et al.; Lahive & Cockfield, LLP, One Post Office Square, Boston, MA 02109-2127 (US).

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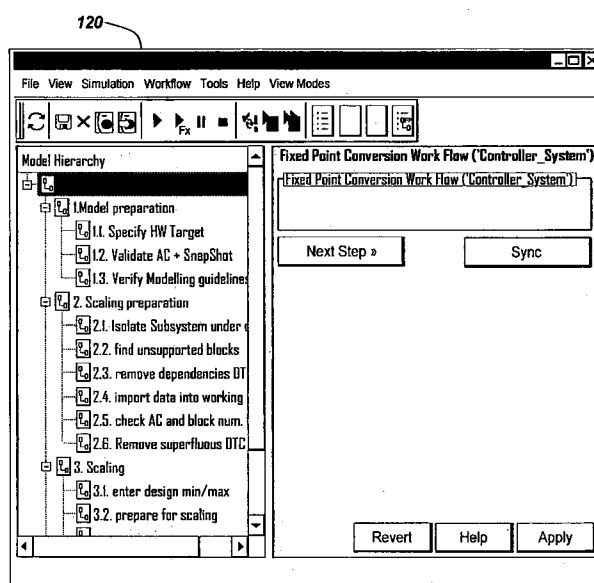
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17 July 2008

(54) Title: SYSTEM AND METHOD FOR SYNCHRONIZED WORKFLOW MANAGEMENT



(57) Abstract: A workflow manager that offers structure and control over the graphical modeling environment so that the graphical modeling environment is reconfigured in a manner appropriate for a particular workflow is disclosed. The workflow manager of the present invention provides hierarchical task management that is synchronized to the graphical modeling environment. The workflow manager also allows a model designer to navigate a series of steps required to achieve the goal of a particular workflow. An API allows the steps to be customized as required by the end user.

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/011516

A. CLASSIFICATION OF SUBJECT MATTER

INV. G06F9/44

ADD. G06Q10/00

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)

G06F G06Q

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NO MAGIC INC: "MagicDraw User's Manual Version 9.0" [Online] March 2005 (2005-03), , XP002471558 Retrieved from the Internet: URL: http://www.magicdraw.com > [retrieved on 2006-03-08]	1,2,4,7, 19-25, 27-30, 32,33, 36,39, 51-57, 59,60 3,34,35
Y	page 84 - page 104 page 120 - page 343 ----- -/--	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T 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

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 with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Rackl, Günther

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/011516

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 643 435 A (MICROSOFT CORP [US]) 5 April 2006 (2006-04-05)	1,2,4,7, 20-25, 27-30, 32,33, 36,39, 52-57, 59,60 3,34,35
Y	claim 1 figure 1 paragraph [0010] - paragraph [0016] paragraph [0066] - paragraph [0068] paragraph [0100] -----	
X	WO 94/06074 A (HUGHES AIRCRAFT CO [US]) 17 March 1994 (1994-03-17)	1,2,4,7, 19-25, 27-30, 32,33, 36,39, 51-57, 59,60 3,34,35
Y	page 2, line 6 - page 3, line 28 page 5, line 13 - page 6, line 34 figures 1,2 -----	
Y	EP 0 747 804 A (IBM [US]) 11 December 1996 (1996-12-11) claim 1 column 4, line 13 - column 5, line 41 -----	3,34,35
A	SPRINGGAY D.: "Using Perspectives in the Eclipse UI"[Online] 27 August 2001 (2001-08-27), XP007904232 Retrieved from the Internet: URL:http://www.eclipse.org/articles/using- perspectives/PerspectiveArticle.html> [retrieved on 2008-03-04] the whole document -----	4,21,22, 30,36, 53,54

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/011516

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-4, 7, 19-25, 27-30, 32-36, 39, 51-57, 59, 60

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4, 7, 19-25, 27-30, 32-36, 39, 51-57, 59, 60

Providing information about related elements of a workflow step.

2. claims: 5, 6, 15, 16, 26, 37, 38, 47, 48, 58

Providing information about the completion status of a workflow.

3. claims: 8-11, 40-43

Defining a workflow using an API.

4. claims: 12-14, 44-46

Validating a model with acceptance criteria.

5. claims: 17, 18, 31, 49, 50

Saving and restoring the state of a workflow.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/011516

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