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- (71) Applicant: ENTERPRISEWEB LLC [US/US]; 175
Broad Street, P.O. Box 186, Glens Falls, NY 12801 (US).
- (72) Inventors: DUGGAL, Dave, M.; 39 Horicon Avenue,
Glens Falls, NY 12801 (US). MALYK, William, J.; 25
Roehampton Crescent, Guelph N1L 1M7 (CA).
- (74) Agent: LABATT, John W.; Labatt, LLC, PO Box 630,
Valatie, NY 12184 (US).
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KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
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Declarations under Rule 4.17:

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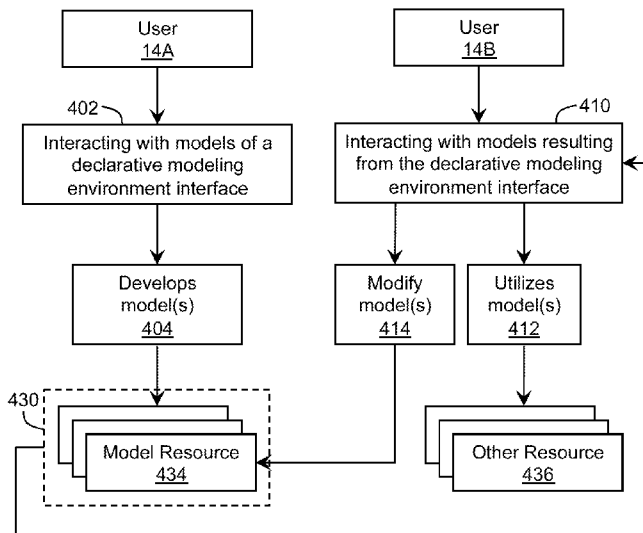
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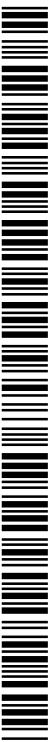
[Continued on next page]

- (54) Title: DECLARATIVE SOFTWARE APPLICATION META-MODEL AND SYSTEM FOR SELF-MODIFICATION

FIG. 4



(57) Abstract: A solution providing for the dynamic design, use, and modification of models using a declarative software application meta-model that provides for self-modification of a collection of the models is provided. The solution can enable continuous real-time testing, simulation, deployment, and modification of the collection of the models. A model in the collection of the models can represent an entity or a function and can be included in a set of related models. Additionally, a set of related models can include a plurality of sets of related models. The collection of the models can represent, for example, one or more software applications, processes, and/or the like.





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A. CLASSIFICATION OF SUBJECT MATTER
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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
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)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	Susan Stepney ET AL: "Reflecting on Open-Ended Evolution" In: "Advances in Artificial Life, ECAL 2011", 2011, MIT Press, XP055076886, ISBN: 978-0-26-229714-1 pages 781-788, the whole document -----	

Further documents are listed in the continuation of Box C.

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 - "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
 - "&" 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, Fax: (+31-70) 340-3016	Authorized officer Del Castillo, G
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