

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3150187

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAHESH RAGHAVAN	12/11/2014
LAWRENCE STEVEN BACH	12/05/2014
DANA RIGG	12/10/2014
PETER ELLIOTT HAYNES	12/10/2014
RECEIVING PARTY DATA	
Name:	DASSAULT SYSTEMES AMERICAS CORP.
Street Address:	175 WYMAN STREET
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14572367
CORRESPONDENCE DATA	
Fax Number:	(314)612-2307
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	314-621-5070
Email:	USpatents@armstrongteasdale.com
Correspondent Name:	PATENT DOCKET DEPARTMENT ARMSTRONG TEASD
Address Line 1:	7700 FORSYTH BOULEVARD
Address Line 2:	SUITE 1800
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	33645-10
NAME OF SUBMITTER:	ROBERT B. REESER, III
SIGNATURE:	/Robert B. Reeser, III/
DATE SIGNED:	12/16/2014
Total Attachments: 6	
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**COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

METHODS AND SYSTEMS FOR FILTERING COMPONENTS IN HIERARCHICALLY-REFERENCED DATA

- the specification of which is attached hereto OR
- United States application or PCT international application number _____ filed on _____, as amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Mahesh		Raghavan		Denville	New Jersey	United States
Lawrence	Steven	Bach		Chester	New Hampshire	United States
Dana		Rigg		Austin	Texas	United States
Peter	Elliott	Haynes		Costa Mesa	California	United States

hereby sell and assign to:

Name of Company: <i>Dassault Systemes Americas Corp.</i>
Entity Type (optional): <i>Delaware corporation</i>
Address: <i>175 Wyman Street, Waltham, Massachusetts 02451 USA</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

Docket No. 33645-10

INVENTOR 1

Signature: _____
Maresh Raghavan

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY



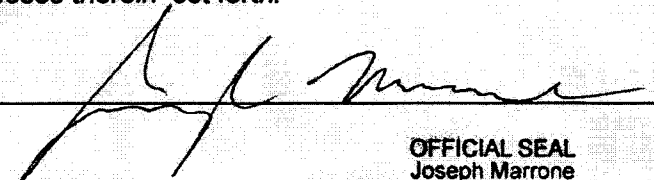
Maresh Raghavan

Date: 12/11/2014

STATE OF New Jersey
COUNTY OF Morris ss.

This 11 day of December, 2014 before me personally came the above-named Maresh Raghavan, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



(Notary Public)

OFFICIAL SEAL
Joseph Marrone
Notary Public-New Jersey
My Commission Expires
June 21, 2015

INVENTOR 2

Signature: Lawrence Steven Bach Date: 12/5/14
Lawrence Steven Bach

Witnessed by: [Signature] Date: DEC 5 2014
Signature

JOHN EFFERTZ
Printed Name of Witness

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Lawrence Steven Bach Date: 12/8/14
Lawrence Steven Bach

STATE OF N.H.
COUNTY OF Rockingham ss.

This 8 day of December, 2014 before me personally came the above-named Lawrence Steven Bach, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal [Signature] (Notary Public)
Expire 1-15-19 Justice of Peace

Docket No. 33645-10

INVENTOR 3

Signature: 
Dana Rigg

Date: 12/10/14

Witnessed by: 
Signature

Date: 12/10/14

Beth A. Polo
Printed Name of Witness

Witnessed by: 
Signature

Date: 12/10/14

Chet Polo
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Dana Rigg

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Dana Rigg, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

Docket No. 33645-10

INVENTOR 4

Signature: Peter Elliott Haynes
Peter Elliott Haynes

Date: 12/10/2014

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness _____

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Peter Elliott Haynes Date: 12/10/2014
Peter Elliott Haynes

STATE OF California

ss.

COUNTY OF Orange

This 10th day of December, 2014 before me personally came the above-named Peter Elliott Haynes, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/h~~er~~ own free will for the purposes therein set forth.

Seal

[Signature]

(Notary Public)

