

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jerry Lin</td> <td>12/13/2012</td> </tr> <tr> <td>Kareem Sherif Aggour</td> <td>12/13/2012</td> </tr> <tr> <td>Brian Scott Courtney</td> <td>01/07/2013</td> </tr> <tr> <td>John Alan Interrante</td> <td>12/13/2012</td> </tr> <tr> <td>Christina Ann LaComb</td> <td>12/18/2012</td> </tr> <tr> <td>Sunil Mathur</td> <td>12/14/2012</td> </tr> <tr> <td>Christopher Thomas McConnell</td> <td>12/14/2012</td> </tr> <tr> <td>Quinn Snell</td> <td>02/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jerry Lin	12/13/2012	Kareem Sherif Aggour	12/13/2012	Brian Scott Courtney	01/07/2013	John Alan Interrante	12/13/2012	Christina Ann LaComb	12/18/2012	Sunil Mathur	12/14/2012	Christopher Thomas McConnell	12/14/2012	Quinn Snell	02/26/2013
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<table border="1"> <tr> <td>Name:</td> <td>General Electric Company</td> </tr> <tr> <td>Street Address:</td> <td>1 River Road</td> </tr> <tr> <td>City:</td> <td>Schenectady</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>12345</td> </tr> </table>		Name:	General Electric Company	Street Address:	1 River Road	City:	Schenectady	State/Country:	NEW YORK	Postal Code:	12345								
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<b>PROPERTY NUMBERS Total: 1</b>																			
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<b>CORRESPONDENCE DATA</b>																			
Fax Number:	2039446712																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	518-387-7724																		
Email:	gpo.mail@ge.com																		
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH																		
Address Line 1:	ONE RESEARCH CIRCLE																		
Address Line 2:	BLDG. K1-3A59																		
Address Line 4:	NISKAYUNA, NEW YORK 12309																		

CH \$40.00 13716554

ATTORNEY DOCKET NUMBER:	248905-1
NAME OF SUBMITTER:	Richard A.DeCristofaro
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 10</b> source=248905-1CombinedDeclarationAndGlobalAssignment#page1.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page2.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page3.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page4.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page5.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page6.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page7.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page8.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page9.tif source=248905-1CombinedDeclarationAndGlobalAssignment#page10.tif	

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:

**SYSTEM FOR STORAGE, QUERYING, AND ANALYSIS OF TIME SERIES DATA**

- the specification of which is attached hereto OR
- United States application or PCT international application number  
13/716554 filed on 17DEC2012, 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
Jerry		Lin	of	Latham	NY	US
Kareem	Sherif	Aggour	of	Niskayuna	NY	US
Brian	Scott	Courtney	of	Naperville	IL	US
John	Alan	Interrante	of	Scotia	NY	US
Christina	Ann	LaComb	of	Schenectady	NY	US

Sunil		Mathur	of	East Walpole	MA	US
Christopher	Thomas	McConnell	of	Latham	NY	US
Quinn		Snell	of	Salem	UT	US

hereby sell and assign to:

Name of Company: <i>General Electric Company</i>
Entity Type (optional): <i>New York corporation</i>
Address: <i>1 River Road, Schenectady, New York 12345 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.

GE Docket No. 248905-1

INVENTOR 1

Signature: \_\_\_\_\_  
**Jerry Lin**

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**

Jerry Lin

Date: 12 / 13 / 2012

Jerry Lin

STATE OF New York  
COUNTY OF Schenectady SS.

This 13<sup>th</sup> day of December, 2012 before me personally came the above-named **Jerry Lin**, 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)

STEPHANIE R ROSS  
NOTARY PUBLIC STATE OF NEW YORK  
ALBANY COUNTY  
LIC. #01RO4691974  
COMM. EXP. JULY 31, 2013

INVENTOR 2

Signature: \_\_\_\_\_  
**Kareem Sherif Aggour**

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**

Kareem Sherif Aggour  
Kareem Sherif Aggour

Date: 12-13-2012

STATE OF New York  
COUNTY OF Schenectady ss.

This 13<sup>th</sup> day of December, 2012 before me personally came the above-named **Kareem Sherif Aggour**, 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 Stephanie R Ross

(Notary Public)

STEPHANIE R ROSS  
NOTARY PUBLIC STATE OF NEW YORK  
ALBANY COUNTY  
LIC. #01RO4691974  
COMM. EXP. JULY 31, 2013

INVENTOR 3

Signature: *Brian Scott Courtney*  
Brian Scott Courtney

Date: 1/7/13

Witnessed by: *Rich Carpenter*  
Signature

Date: 1/7/13

Rich Carpenter  
Printed Name of Witness

Witnessed by: *Anil Varma*  
Signature

Date: 1/7/13

Anil Varma  
Printed Name of Witness

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

\_\_\_\_\_ Date: \_\_\_\_\_

Brian Scott Courtney

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Brian Scott Courtney**, 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)

INVENTOR 4

Signature: \_\_\_\_\_  
**John Alan Interrante**

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**

John Alan Interrante

Date: 12/13/2012

John Alan Interrante

STATE OF New York

COUNTY OF Schenectady <sup>ss.</sup>

This 13<sup>th</sup> day of December, 2012 before me personally came the above-named **John Alan Interrante**, 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

Cheryl L. Schneiter

(Notary Public)

**CHERYL L. SCHNEITER**  
Notary Public, State of New York  
No. 01SC6214984  
Qualified in Schenectady County  
Commission Expires 12/21/ 2013

INVENTOR 5

Signature: *Christina Ann LaComb*  
Christina Ann LaComb

Date: 12/18/2012

Witnessed by: *Barbara J Vivier*  
Signature

Date: 12/18/2012

BARBARA J. VIVIER  
Printed Name of Witness

Witnessed by: *[Signature]*  
Signature

Date: 12/18/2012

Vitali Lissianski  
Printed Name of Witness

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

\_\_\_\_\_ Date: \_\_\_\_\_

Christina Ann LaComb

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Christina Ann LaComb**, 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)

GE Docket No. 248905-1

INVENTOR 6

Signature: *Sunil Mathur*  
Sunil Mathur

Date: 12/14/2012

Witnessed by: *Wood & Bowman*  
Signature

Date: 12/14/2012

Wood & Bowman  
Printed Name of Witness

Witnessed by: *Stephen Neri*  
Signature

Date: 12/14/12

Stephen Neri  
Printed Name of Witness

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

\_\_\_\_\_ Date: \_\_\_\_\_

Sunil Mathur

STATE OF

ss.

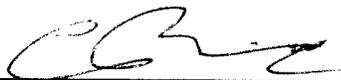
COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Sunil Mathur**, 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.

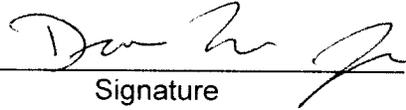
Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 7

Signature:   
**Christopher Thomas McConnell**

Date: 12/14/2012

Witnessed by:   
Signature

Date: 12/14/2012

David Moore Jr  
Printed Name of Witness

Witnessed by:   
Signature

Date: 12/14/2012

KATHLEEN STANKIEWICZ  
Printed Name of Witness

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

\_\_\_\_\_ Date: \_\_\_\_\_

Christopher Thomas McConnell

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Christopher Thomas McConnell**, 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)

GE Docket No. 248905-1

INVENTOR 8

Signature: *Quinn Snell*  
Quinn Snell

Date: 2/26/2013

Witnessed by: *Jennifer Bonnet*  
Signature  
JENNIFER BONNET  
Printed Name of Witness

Date: 2/26/2013

Witnessed by: *Jennifer Thornton*  
Signature  
Jennifer Thornton  
Printed Name of Witness

Date: 2/26/13

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

\_\_\_\_\_ Date: \_\_\_\_\_

Quinn Snell

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Quinn Snell**, 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)