

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4221959

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ISAAC MENDEL ASHER	01/09/2017
ALBERT ROSARIO CERRONE	01/05/2017
YOU LING	01/04/2017
ANKUR SRIVASTAVA	01/09/2017
ARUN KARTHI SUBRAMANIYAN	01/05/2017
FELIPE ANTONIO CHEGURY VIANA	01/04/2017
LIPING WANG	01/11/2017
NATARAJAN CHENNIMALAIKUMAR	01/04/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENERAL ELECTRIC COMPANY
<b>Street Address:</b>	1 RIVER ROAD
<b>City:</b>	SCHENECTADY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15395421
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)944-6712
<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>	
<b>Phone:</b>	518-387-7724
<b>Email:</b>	gpo.mail@ge.com
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH
<b>Address Line 1:</b>	ONE RESEARCH CIRCLE
<b>Address Line 2:</b>	BLDG. K1-3A59
<b>Address Line 4:</b>	NISKAYUNA, NEW YORK 12309
<b>ATTORNEY DOCKET NUMBER:</b>	315339-1
<b>NAME OF SUBMITTER:</b>	JAMES CARROLL
<b>SIGNATURE:</b>	/James Carroll/

PATENT

<b>DATE SIGNED:</b>	01/12/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 10</b> source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page1.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page2.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page3.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page4.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page5.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page6.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page7.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page8.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#page9.tif source=315339-1COMBINEDDECLARATIONANDASSIGNMENT#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:

**METHODS AND SYSTEMS FOR IMPLEMENTING A DATA RECONCILIATION  
FRAMEWORK**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
15/395421 filed on December 30, 2016 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
Isaac	Mendel	Asher	of	Saratoga Springs	NY	US
Albert	Rosario	Cerrone	of	Saratoga Springs	NY	US
You		Ling	of	Schenectady	NY	US
Ankur		Srivastava	of	Chicago	IL	US
Arun	Karthi	Subramaniyan	of	Clifton Park	NY	US
Felipe	Antonio Chegury	Viana	of	Niskayuna	NY	US
Liping		Wang	of	Mechanicville	NY	US
Natarajan		Chennimalai Kumar	of	Niskayuna	NY	US

v9.18.12

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.

INVENTOR 1

Signature: \_\_\_\_\_  
**Isaac Mendel Asher**

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

Witnessed by: \_\_\_\_\_  
Signature

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

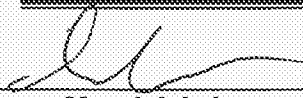
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

Printed Name of Witness

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

  
\_\_\_\_\_  
**Isaac Mendel Asher**

Date: 1/4/17

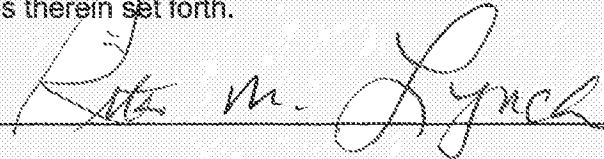
STATE OF New York

ss.

COUNTY OF Schenectady

This 4th day of January, 2017 before me personally came the above-named **Isaac Mendel Asher**, 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)

RITA M. LYNCH  
Notary Public, State of New York  
Qual. in Albany Co. No. 01LY6079768  
Commission Expires 8/29/2018

INVENTOR 2

Signature: \_\_\_\_\_

**Albert Rosario Cerrone**

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**

Albert Rosario Cerrone  
**Albert Rosario Cerrone**

Date: 1/5/2017

STATE OF New York

ss.

COUNTY OF Schenectady

This 5th day of January, 2017 before me personally came the above-named **Albert Rosario Cerrone**, 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

Rita M. Lynch

(Notary Public)

RITA M. LYNCH  
Notary Public, State of New York  
Qual. in 1355133 Co. No. 011Y6079764  
Commission Expires 8/29/2018

INVENTOR 3

Signature: \_\_\_\_\_  
**You Ling**

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**

  
\_\_\_\_\_  
**You Ling**

Date: 1/4/2017

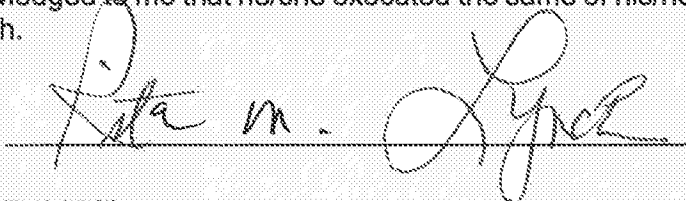
STATE OF New York

ss.

COUNTY OF Schenectady

This 4th day of January, 2017 before me personally came the above-named **You Ling**, 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)

RYTA M. LYNCH

Notary Public, State of New York

Qual. in Real Estate, No. 011Y6079764

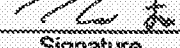
Commission Expires 8/21/2018

GE Docket No. 315339-1

INVENTOR 4

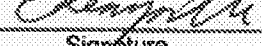
Signature:   
Ankur Srivastava

Date: 01/09/17

Witnessed by:   
Signature

Date: 01/09/17

Michael Frasco  
Printed Name of Witness

Witnessed by:   
Signature

Date: 01/09/17

CHENYU XU  
Printed Name of Witness

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

\_\_\_\_\_  
Ankur Srivastava Date: \_\_\_\_\_

STATE OF New York

ss.

COUNTY OF Schenectady

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Ankur Srivastava, 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 5

Signature: \_\_\_\_\_  
**Arun Karthi Subramaniyan**

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**

*[Signature]*  
**Arun Karthi Subramaniyan**

Date: 01/05/2017

STATE OF New York

ss.

COUNTY OF Schenectady

This 5<sup>th</sup> day of January, 2017 before me personally came the above-named **Arun Karthi Subramaniyan**, 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

*Rita M. Lynch*

(Notary Public)

RITA M. LYNCH  
Notary Public, State of New York  
Qual. in Albany Co. No. 01166079764  
Commission Expires 8/29/2018

GE Docket No. 315339-1

INVENTOR 6

Signature: [Signature]  
Felipe Antonio Chegury Viana

Date: Jan-04-2017

Witnessed by: [Signature]  
Signature

Date: 01/04/17

Alvaro Gil  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 01/04/17

MARCO GUERRIERO  
Printed Name of Witness

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

\_\_\_\_\_  
Felipe Antonio Chegury Viana

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

STATE OF New York

ss.

COUNTY OF Schenectady

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Felipe Antonio Chegury Viana, 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: \_\_\_\_\_  
**Liping Wang**

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**

Liping Wang  
**Liping Wang**

Date: 01/11/2017

STATE OF New York

ss.

COUNTY OF Schenectady

This 11<sup>th</sup> day of January, 2017 before me personally came the above-named **Liping Wang**, 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

Rita M. Lynch

(Notary Public)

RITA M. LYNCH  
Notary Public, State of New York  
Qual. In Massachusetts No. 01LY6070764  
Commission Expires 8/29/2018

INVENTOR 8

Signature: \_\_\_\_\_  
**Natarajan Chennimalai Kumar**

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**

C.K. Natarajan  
**Natarajan Chennimalai Kumar**

Date: 01/04/2017

STATE OF New York

ss.

COUNTY OF Schenectady

This 4th day of January, 2017 before me personally came the above-named **Natarajan Chennimalai Kumar**, 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

Rita M. Lynch  
(Notary Public)

RITA M. LYNCH  
Notary Public, State of New York  
Qual. in Albany Co. No. 011Y6079764  
Commission Expires 8/27/2018