

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--|---------------|--------------------------|--------------------------|--------------|----------------|-------------|--------------------|------------|----------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>William Robert Pettigrew</td> <td>10/03/2012</td> </tr> <tr> <td>Roy L. Jackson</td> <td>10/03/2012</td> </tr> <tr> <td>Timothy David Rian</td> <td>10/03/2012</td> </tr> <tr> <td>Justin Brandon Chong</td> <td>10/03/2012</td> </tr> </tbody> </table> | | Name | Execution Date | William Robert Pettigrew | 10/03/2012 | Roy L. Jackson | 10/03/2012 | Timothy David Rian | 10/03/2012 | Justin Brandon Chong | 10/03/2012 |
| Name | Execution Date | | | | | | | | | | |
| William Robert Pettigrew | 10/03/2012 | | | | | | | | | | |
| Roy L. Jackson | 10/03/2012 | | | | | | | | | | |
| Timothy David Rian | 10/03/2012 | | | | | | | | | | |
| Justin Brandon Chong | 10/03/2012 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <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 |
| Name: | GENERAL ELECTRIC COMPANY | | | | | | | | | | |
| Street Address: | 1 River Road | | | | | | | | | | |
| City: | Schenectady | | | | | | | | | | |
| State/Country: | NEW YORK | | | | | | | | | | |
| Postal Code: | 12345 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13646089</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13646089 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13646089 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: 4048538806 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404-853-8000 Email: wendy.higgins@sutherland.com Correspondent Name: Sutherland GE Address Line 1: 999 Peachtree Street Address Line 4: Atlanta, GEORGIA 30309</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 19441-0771 | | | | | | | | | | |
| NAME OF SUBMITTER: | Srikant Viswanadham | | | | | | | | | | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | | | | | | | | | | |

CH \$40.00 13646089

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:

SYSTEMS AND METHODS FOR AUTHENTICATION BETWEEN NETWORKED DEVICES

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
13/646,089 filed on October 5, 2012, 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 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, we,

| Inventor First Name | Inventor Middle Name | Inventor Last Name | | Residence Town | Residence State | Residence Country |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| William | Robert | Pettigrew | of | Salem | VA | USA |
| Roy | L. | Jackson | of | Salem | VA | USA |
| Timothy | David | Rian | of | Greenville | SC | USA |
| Justin | Brandon | Chong | of | Salem | VA | USA |

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 and 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, reexaminations 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, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths 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: William Robert Pettigrew
William Robert Pettigrew

Date: 10/3/12

Witnessed by: Daniel Ryan Laffoon
Signature

Date: 10/3/12

Daniel Ryan Laffoon
Printed Name of Witness

Witnessed by: David E. McMillan
Signature

Date: 10/3/12

DAVID E. MCMILLAN
Printed Name of Witness

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

Date: _____

William Robert Pettigrew

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **William Robert Pettigrew**, 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 2

Signature: Roy L. Jackson
Roy L. Jackson

Date: 10/3/12

Witnessed by: [Signature]
Signature

Date: 10/3/12

Daniel R. Laffoon
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 10/3/12

DAVID E. McMILLAN
Printed Name of Witness

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

Date: _____

Roy L. Jackson

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Roy L. Jackson**, 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 3

Signature: Timothy David Rian
Timothy David Rian

Date: 10-3-2012

Witnessed by: Michael Skalya
Signature

Date: 10-3-2012

Michael Skalya
Printed Name of Witness

Witnessed by: Elizabeth Hartman
Signature

Date: 10-3-2012

Elizabeth Hartman
Printed Name of Witness

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

Date: _____

Timothy David Rian

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Timothy David Rian**, 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: Justin Brandon Chong
Justin Brandon Chong

Date: 10/03/12

Witnessed by: [Signature]
Signature

Date: 10/3/12

Daniel Ryan Laffoon
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 10/3/12

DAVID E. MCMILLAN
Printed Name of Witness

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

Date: _____

Justin Brandon Chong

STATE OF _____

ss. _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Justin Brandon Chong**, 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)