

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3640914

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SURINDER PRABHJOT SINGH	11/30/2015
DAN HANCU	11/30/2015
BENJAMIN RUE WOOD	11/30/2015
WEI CHEN	11/30/2015
DWAYNE DAVID MCDUFFIE	12/02/2015
MARK DAVID KEHMNA	12/02/2015
IRINA PAVLOVNA SPIRY	11/30/2015
<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>
<b>Application Number:</b>	14957738
<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, gmenz@armstrongteasdale.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>	279140
<b>NAME OF SUBMITTER:</b>	JACOB R. MUELLER
<b>SIGNATURE:</b>	/Jacob R. Mueller/
<b>DATE SIGNED:</b>	12/03/2015

PATENT

**Total Attachments: 9**

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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:

METHOD AND APPARATUS TO FACILITATE HEATING FEEDWATER IN A POWER  
GENERATION SYSTEM

- ☒ 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
Surinder	Prabhjot	Singh	of	Niskayuna	New York	US
Dan		Hancu	of	Clifton Park	New York	US
Benjamin	Rue	Wood	of	Niskayuna	New York	US
Wei		Chen	of	Clifton Park	New York	US
Dwayne	David	McDuffie	of	Niskayuna	New York	US

Mark	David	Kehmna	of	Glenville	New York	US
Irina	Pavlovna	Spiry	of	Glenville	New York	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.

INVENTOR 1

Signature: Surinder Prabhjot Singh  
Surinder Prabhjot Singh

Date: 11/20/2015

Witnessed by: Barbara Michael  
Signature

Date: 11/30/15

Barbara Michael  
Printed Name of Witness

Witnessed by: SR Blaha  
Signature

Date: 11/31/15

SCOTT R. BLAHA  
Printed Name of Witness

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

\_\_\_\_\_  
Surinder Prabhjot Singh

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Surinder Prabhjot Singh**, 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: Dan Hancu  
Dan Hancu

Date: 11/30/2015

Witnessed by: Jack Hanson  
Signature

Date: 11-30-2015

Jack Hanson  
Printed Name of Witness

Witnessed by: Paul M. Smigorski Jr.  
Signature

Date: 11-30-2015

Paul M. Smigorski Jr.  
Printed Name of Witness

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

\_\_\_\_\_  
Dan Hancu

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Dan Hancu, 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: Benjamin Rue Wood  
Benjamin Rue Wood

Date: 11-30-15

Witnessed by: [Signature]  
Signature

Date: 11/30/2015

Sarah E. Genovese  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 11/30/2015

Barbara Micbach  
Printed Name of Witness

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\_\_\_\_\_  
Benjamin Rue Wood

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Benjamin Rue Wood, 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:   
Wei Chen

Date: 11/30/2015

Witnessed by:   
Signature

Date: 11/30/2015

Barbara Michael  
Printed Name of Witness

Witnessed by:   
Signature

Date: 11/30/2015

Sarah E. Genovese  
Printed Name of Witness

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Wei Chen

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Wei Chen**, 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: Dwayne David McDuffie  
Dwayne David McDuffie

Date: 12/2/2015

Witnessed by: Raymond Pang  
Signature

Date: 12/2/2015

Raymond Pang  
Printed Name of Witness

Witnessed by: Anurag Singh  
Signature

Date: 12/02/2015

Anurag Singh  
Printed Name of Witness

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\_\_\_\_\_  
Dwayne David McDuffie

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

STATE OF

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COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Dwayne David McDuffie**, 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 6

Signature: Mark David Kehmna  
Mark David Kehmna

Date: 12/02/2015

Witnessed by: Raymond Pang  
Signature

Date: 12/2/2015

Printed Name of Witness  
Raymond Pang

Witnessed by: Amrta Singh  
Signature

Date: 12/02/2015

Printed Name of Witness  
Amrta Singh

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\_\_\_\_\_  
Mark David Kehmna Date: \_\_\_\_\_

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COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Mark David Kehmna, 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: Irina Pavlovna Spiry  
Irina Pavlovna Spiry

Date: 11/30/2015

Witnessed by: [Signature]  
Signature

Date: 11/30/2015

Paul M. Smielske Jr.  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 11/30/2015

Jack Howson  
Printed Name of Witness

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\_\_\_\_\_  
Irina Pavlovna Spiry

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Irina Pavlovna Spiry, 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)