

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3292673

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WENQING PENG	02/06/2015
JIYANG XIA	02/06/2015
HAI YANG	02/06/2015
CHUNJIE LIU	02/06/2015
CHANG WEI	01/30/2015
WEI CAI	01/30/2015
YIWEN SUN	02/06/2015
RECEIVING PARTY DATA	
Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14428213
CORRESPONDENCE DATA	
Fax Number:	(203)373-7153
<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:	203-366-7521
Email:	Claire.Murray@ge.com
Correspondent Name:	GE GLOBAL PATENT OPERATION
Address Line 1:	3135 EASTON TURNPIKE
Address Line 4:	FAIRFIELD, CONNECTICUT 06828
ATTORNEY DOCKET NUMBER:	258198_8
NAME OF SUBMITTER:	CATHERINE J. WINTER
SIGNATURE:	/cjw38364/
DATE SIGNED:	04/01/2015

Total Attachments: 10

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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:

PRODUCED WATER TREATMENT AND SOLIDS PRECIPITATION FROM THERMAL
TREATMENT BLOWDOWN

- ☒ the specification of which is attached hereto OR
☐ United States application or PCT international application number

14/428213 filed on March 13, 2015, 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
Jiyang		XIA	of	Shanghai		CN
Wenging		PENG	of	Shanghai	Shanghai	CN
Hai		YANG	of	Shanghai	Shanghai	CN

Chunjie		LIU	of	Shanghai	Shanghai	CN
Chang		WEI	of	Shanghai		CN
Wei		CAI	of	Shanghai	Shanghai	CN
Yiwen		SUN	of	Shanghai	Shanghai	CN

hereby sell and assign to:

Name of Company: <i>GENERAL ELECTRIC COMPANY</i>
Entity Type (optional):
Address: <i>1 River Road</i> <i>Schenectady, New York 12345</i> <i>United States of America</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
US	PRI	61/700520	September 13, 2012	PRODUCED WATER TREATMENT AND SOLIDS PRECIPITATION FROM THERMAL TREATMENT BLOWDOWN
WO	ORD	PCT/US13/056175	August 22, 2013	PRODUCED WATER TREATMENT AND SOLIDS PRECIPITATION FROM THERMAL TREATMENT BLOWDOWN

(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: Xiyang
Jiyang XIA

Date: 2/6/2015

Witnessed by: Chengqian Zhang
Signature

Date: 2/6/2015

CHENGQIAN ZHANG
Printed Name of Witness

Witnessed by: Yitang Jin
Signature

Date: 2/6/2015

Yitang Jin
Printed Name of Witness

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

Jiyang XIA

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Jiyang XIA, 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: Wenqing PENG
Wenqing PENG

Date: 2/6/2015

Witnessed by: Chengqian Zhang
Signature

Date: 2/6/2015

CHENGQIAN ZHANG
Printed Name of Witness

Witnessed by: Yiteng Jin
Signature

Date: 2/6/2015

Yiteng Jin
Printed Name of Witness

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

Wenqing PENG

Date: _____

STATE OF _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Wenqing PENG, 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: _____
Hai YANG

Date: _____

2/6/2015

Witnessed by: _____

Signature

Date: _____

2/6/2015

CHENGRIAN ZHANG
Printed Name of Witness

Witnessed by: _____

Signature

Date: _____

2/6/2015

Yitang Jin
Printed Name of Witness

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

Hai YANG

Date: _____

STATE OF _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Hai YANG**, 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: _____
Chunjie LIU

Date: 2/6/2015

Witnessed by: Chengqian Zhang
Signature

Date: 2/6/2015

CHENGQIAN ZHANG
Printed Name of Witness

Witnessed by: Yiteng Jin
Signature

Date: 2/6/2015

Yiteng Jin
Printed Name of Witness

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Chunjie LIU

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Chunjie LIU, 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: [Signature]
Chang WEI

Date: 1-30-2015

Witnessed by: Inan Tang
Signature

Date: 1-30-2015

Printed Name of Witness

Witnessed by: Chuan LI
Signature

Date: 1-30-2015

Printed Name of Witness

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Chang WEI

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Chang WEI, 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: Wei Cai
Wei CAI

Date: 01/30/2015

Witnessed by: Sheng Vitch
Signature

Date: 1/30/15

Sheng Vitch
Printed Name of Witness

Witnessed by: Kelly Anne Burr
Signature

Date: 01/30/2015

Kelly Anne Burr
Printed Name of Witness

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

Wei CAI

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Wei CAI, 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: Yiwen Sun
Yiwen SUN

Date: 2/6/2015

Witnessed by: Chengqian Zhang
Signature

Date: 2/6/2015

CHENGQIAN ZHANG
Printed Name of Witness

Witnessed by: Yiteng Jin
Signature

Date: 2/6/2015

Printed Name of Witness

Yiteng Jin

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

Yiwen SUN

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Yiwen SUN, 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)

PATENT