PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3388663

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHANGYI ZHONG	05/17/2015
CHUN ZHAN	05/11/2015
KANG ZHANG	05/14/2015
DANIEL CURTIS GRAY	05/27/2015

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:	14734320

CORRESPONDENCE DATA

Fax Number: (203)944-6712

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.

Phone: 518-387-7724 Email: gpo.mail@ge.com

Correspondent Name: GENERAL ELECTRIC COMPANY GLOBAL RESEARCH

Address Line 1: ONE RESEARCH CIRCLE

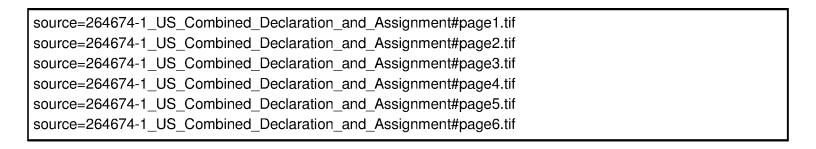
Address Line 2: BLDG. K1-3A59

Address Line 4: NISKAYUNA, NEW YORK 12309

ATTORNEY DOCKET NUMBER:	264674-1
NAME OF SUBMITTER:	EILEEN B. GALLAGHER
SIGNATURE:	/Eileen B. Gallagher/
DATE SIGNED:	06/09/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
T	•

Total Attachments: 6

PATENT REEL: 035868 FRAME: 0167



PATENT REEL: 035868 FRAME: 0168

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:

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
Zhangyi		Zhong	of	Palo Alto	CA	US
Chun		Zhan	of	Niskayuna	NY	US
Kang		Zhang	of	Niskayuna	NY	US
Daniel	Curtis	Gray	of	Niskayuna	NY	US

hereby sell and assign to:

v9.18.12 1

Name of Company: General Electric Company			
Entity Type (optional): New York corporation			
Address: 1 River Road, Schenectady, New York 12345 USA			

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.

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PATENT REEL: 035868 FRAME: 0170

INVENTOR 1	_	
Signature: Zhangyi Zhong	M	Date: 05/17/2015
Printed Name of Witness Witnessed by:	MANG Jum	Date: 05/17/2015 Date: 05/17/2015
Printed Name of Witness SECTION BELOW IS FOR USE OF	- V	G IN PRESENCE OF A NOTARY
Zhangyi Zhong		
STATE OF COUNTY OF	SS.	
This day of	, befor own as the individue that he/she exe	re me personally came the above-named dual who executed the foregoing ecuted the same of his/her own free will for
Seal 		 (Notary Public)
		(Notary Labile)

PATENT REEL: 035868 FRAME: 0171

INVENTOR Z			
Signature: Chun Zhan		Date:	
Witnessed by: <u>U</u>	<u>Uun /U/</u>	oane: <u>14 1, 2015</u>	
WILLIAM Printed Name of Witness	PLATT		
Witnessed by		Date: May 11, 2015	
<u>James E. Saba</u> Printed Name of Witness	************************		
SECTION BELOW IS	FOR USE ONLY IF SIGI	NING IN PRESENCE OF A NOTARY	
Chun Zhan		ate:	
STATE OF	\$6.		
COUNTY OF	<i></i>		
This day of <u>Chun Zhan</u> , to me pers who acknowledged to m therein set forth.	onally known as the indicate that he/she executed the	_ before me personally came the above- ividual who executed the foregoing assig ne same of his/her own free will for the pu	-named Inment Imposes
Seal			
		(Notary Public)	

PATENT REEL: 035868 FRAME: 0172

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Signature: Kang Zhang	Date: 05/44/15
Witnessed by: Signature	Date: <u>5/14/15</u>
Printed Name of Witness	
Witnessed by: Signature	Date: <u>5/14/15</u>
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Kang Zhang	Jate:
STATE OF ss.	
This day of, Kang Zhang, to me personally known as the income who acknowledged to me that he/she executed therein set forth.	
Seal	
	(Notary Public)

PATENT REEL: 035868 FRAME: 0173

INVENTOR 4	
Signature: <u>Verille En</u> Daniel Curtis Gray	Date: _5/22//5
Witnessed by: <u>See Sytt</u> Signature	Date: 27 MAY 2015
Kenner Ayotte Printed Name of Witness	
Witnessed by: Signature	Date: 2015/05/27
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY	
Dete	
Daniel Curtis Gray	
STATE OF ss.	
This day of, before me personally came the above-named Daniel Curtis Gray , 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)

RECORDED: 06/09/2015