

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4158671

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAO YU	08/20/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GE ENERGY POWER CONVERSION TECHNOLOGY LTD
<b>Street Address:</b>	BOUGHTON ROAD
<b>City:</b>	RUGBY, WARWICKSHIRE
<b>State/Country:</b>	GREAT BRITAIN
<b>Postal Code:</b>	CV21 1BU
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15314286
<b>PCT Number:</b>	CN2014078667
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)840-6495
<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>	2032293904
<b>Email:</b>	maureen.silveira@ge.com
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY
<b>Address Line 1:</b>	901 MAIN AVENUE, 3RD FLOOR
<b>Address Line 4:</b>	NORWALK, CONNECTICUT 06851
<b>ATTORNEY DOCKET NUMBER:</b>	265547-1 & -4
<b>NAME OF SUBMITTER:</b>	MAUREEN SILVEIRA
<b>SIGNATURE:</b>	/Maureen Silveira/
<b>DATE SIGNED:</b>	11/28/2016
<b>Total Attachments: 4</b>	
source=265547_4_US_Signed_[Combined_Declaration_and_]Assignment_28NOV2016#page1.tif	
source=265547_4_US_Signed_[Combined_Declaration_and_]Assignment_28NOV2016#page2.tif	
source=265547_4_US_Signed_[Combined_Declaration_and_]Assignment_28NOV2016#page3.tif	
source=265547_4_US_Signed_[Combined_Declaration_and_]Assignment_28NOV2016#page4.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:

**REACTIVE POWER PREDICTION CAPABILITY**

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

15/314286 filed on November 28, 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
Hao		Yu	of		Shanghai	CN
David		Smith	of	Salem	Virginia	US

hereby sell and assign to:

Name of Company: <i>GE Energy Power Conversion Technology Ltd</i>
Entity Type (optional):
Address: <i>Boughton Road, Rugby, Warwickshire CV21 1BU Great Britain</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
WO	PCT	PCT/CN2014/078667	May 28, 2014	REACTIVE POWER PREDICTION CAPABILITY

(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.

285547

INVENTOR 1

Signature: Hao Yu  
Hao Yu

Date: 2016 08 20

Witnessed by: Chang Jun Wang  
Signature

Date: 2016 08 20

Chang Jun Wang  
Printed Name of Witness

Witnessed by: Wendy Huang  
Signature

Date: 2016 08 20

Wendy Huang  
Printed Name of Witness

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

\_\_\_\_\_  
Hao Yu

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

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Hao Yu, 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)

GE Docket No. 265547

INVENTOR 2

Signature: David Smith  
David Smith

Date: 8/20/2014

Witnessed by: Robert Wagoner  
Signature

Date: AUG 20, 2014

ROBERT WAGONER  
Printed Name of Witness

Witnessed by: Sid Barker  
Signature

Date: Aug 20, 2014

Sid Barker  
Printed Name of Witness

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

\_\_\_\_\_  
David Smith

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

STATE OF

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named David Smith, 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