

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6476081

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HANCHAO LIU	12/31/2020
MAOZHONG GONG	12/30/2020
DI PAN	12/31/2020
YICHAO ZHANG	12/31/2020
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:	17139329
CORRESPONDENCE DATA	
Fax Number:	(864)233-7342
<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:	864-271-1592
Email:	usdocketing@dority-manning.com, aschaible@dority-manning.com
Correspondent Name:	DORITY & MANNING, PA AND GENERAL ELECTRIC
Address Line 1:	POST OFFICE BOX 1449
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602
ATTORNEY DOCKET NUMBER:	602588-US-1/GECW-1044
NAME OF SUBMITTER:	MAEGEN W. STOKES
SIGNATURE:	/Maegen W. Stokes/
DATE SIGNED:	12/31/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	
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:

**METHOD FOR OPERATING DOUBLY-FED WIND TURBINE GENERATOR
AS A VIRTUAL SYNCHRONOUS MACHINE TO PROVIDE
GRID-FORMING CONTROL THEREOF**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
17/139,329 filed on December 31, 2020, 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
Hanchao		Liu	of	Troy	New York	USA
Maozhong		Gong	of	Latham	New York	USA
Di		Pan	of	Schenectady	New York	USA
Yichao		Zhang	of	Guilderland	New York	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 or conceived by us described in the application(s) listed above and in the following table:

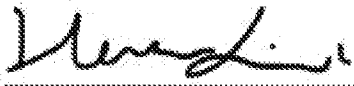
Country of Filing	Type of Filing	Application Number	Filing Date	Title

(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: 
Hanchao Liu

Date: 12/31/20

Witnessed by: 
Signature

Date: 12/31/20

SATISH ARACHAKARAN
Printed Name of Witness

Witnessed by: 
Signature

Date: 12/31/2020

Lijun He
Printed Name of Witness

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

Hanchao Liu Date: _____

STATE OF

SS.


COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Hanchao 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.

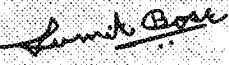
Seal

(Notary Public)

INVENTOR 2

Signature: 
Maozhong Gong

Date: 12/30/2020

Witnessed by: 
Signature

Date: 12/30/2020

Sumit Bose
Printed Name of Witness

Witnessed by: 
Signature

Date: 12/30/2020

Li Jun He
Printed Name of Witness

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

Maozhong Gong Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Maozhong Gong, 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. 602588-US-1/GECW-1044

INVENTOR 3

Signature: Di Pan
Di Pan

Date: 12/31/2020

Witnessed by: [Signature]
Signature

Date: 12/31/20

SATISH PRABHAKARAN
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 12/31/2020

Ligun He
Printed Name of Witness

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

Di Pan Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Di Pan, 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: _____

Yichao Zhang

Date: _____

12/31/20

Witnessed by: _____

Signature

Date: _____

12/31/20

SATISH RAJHAKARAN

Printed Name of Witness

Witnessed by: _____

Signature

Date: _____

12/31/2020

Printed Name of Witness

Lijun He

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

Yichao Zhang

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Yichao Zhang**, 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)