

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6683870

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAHID ALI	04/22/2021
RUPAM MUKHERJEE	04/23/2021
JISHNU KAVIL KAMBRATH	04/29/2021
VEENA PADMARAO	04/23/2021
ARVIND KUMAR TIWARI	04/26/2021
NORMAN ARNOLD TURNQUIST	04/19/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENERAL ELECTRIC RENOVABLES ESPANA, S.L.
<b>Street Address:</b>	ROC BORONAT, 78
<b>City:</b>	BARCELONA
<b>State/Country:</b>	SPAIN
<b>Postal Code:</b>	08005
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17244151
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	864-271-1592
<b>Email:</b>	usdocketing@dority-manning.com, aschaible@dority-manning.com
<b>Correspondent Name:</b>	DORITY & MANNING, PA AND GENERAL ELECTRIC
<b>Address Line 1:</b>	POST OFFICE BOX 1449
<b>Address Line 4:</b>	GREENVILLE, SOUTH CAROLINA 29602
<b>ATTORNEY DOCKET NUMBER:</b>	602929-US-1/GECW-1099
<b>NAME OF SUBMITTER:</b>	MAEGEN W. STOKES
<b>SIGNATURE:</b>	/Maegen W. Stokes/
<b>DATE SIGNED:</b>	04/29/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 8**

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**PATENT**

**REEL: 056085 FRAME: 0277**

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:

**SYSTEM AND METHOD FOR SLIP DETECTION AND SURFACE HEALTH  
MONITORING IN A SLIP COUPLING OF A ROTARY SHAFT**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
17/244,151 filed on April 29, 2021, 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
Shahid		Ali	of	Bangalore	Karnataka	India
Rupam		Mukherjee	of	Bangalore	Karnataka	India
Jishnu		Kavil Kambrath	of	Kannur	Kerala	India
Veena		Padmarao	of	Bangalore	Karnataka	India
Arvind	Kumar	Tiwari	of	Niskayuna	New York	USA
Norman	Arnold	Turnquist	of	Carlisle	New York	USA

hereby sell and assign to:

Name of Company: <i>General Electric Renovables Espana, S.L.</i>
Entity Type (optional):
Address: <i>Roc Boronat, 78, 08005 – Barcelona, Spain</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:   
**Shahid Ali**

Date: 22 April 2021

Witnessed by:   
Signature

Date: 22 April 2021

PRADEEP VIJAYAN  
Printed Name of Witness

Witnessed by:   
Signature

Date: 22 April 2021

Hridya I  
Printed Name of Witness

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

\_\_\_\_\_  
**Shahid Ali** Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Shahid Ali**, 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: Rupam Mukherjee  
Rupam Mukherjee

Date: April 23, 2021

Witnessed by: [Signature]  
Signature

Date: April 23, 2021

Hridya I  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: April 23, 2021

Santhoshkumar C  
Printed Name of Witness

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

\_\_\_\_\_  
Rupam Mukherjee Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Rupam Mukherjee**, 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

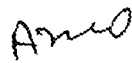
Signature:   
Jishnu Kavil Kambrath

Date: 21/04/2021

Witnessed by:   
Signature 29/4/2021

Date: 29/04/2021

Sushil Kumar  
Printed Name of Witness

Witnessed by:   
Signature

Date: 29-4-2021

AMIR AHMAD  
Printed Name of Witness

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

\_\_\_\_\_  
Jishnu Kavil Kambrath Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Jishnu Kavil Kambrath, 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: *Veena Padmarao*  
**Veena Padmarao**

Date: 23 April 2021\_\_\_\_\_

Witnessed by: *C. Santhosh Kumar*  
Signature

Date: 23 April 2021\_\_\_\_\_

Santhosh Kumar C  
Printed Name of Witness

Witnessed by: *Rupam Basak*  
Signature

Date: 23 April 2021\_\_\_\_\_

Rupam Basak  
Printed Name of Witness

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

\_\_\_\_\_  
**Veena Padmarao** Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Veena Padmarao**, 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:   
**Arvind Kumar Tiwari**

Date: 04262021

Witnessed by:   
Signature

Date: April 26 2021

Dhanushkodi Durai Mariappan  
Printed Name of Witness

Witnessed by:   
Signature

Date: April 26, 2021

Sumit Bose  
Printed Name of Witness

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\_\_\_\_\_  
**Arvind Kumar Tiwari**

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

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Arvind Kumar Tiwari**, 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: *Norman Arnold Turnquist*  
Norman Arnold Turnquist

Date: April 19, 2021

Witnessed by: *Kim Marie Howe*  
Signature

Date: 4/19/21

Kim Marie Howe  
Printed Name of Witness

I

Witnessed by: *Dawn E Butler*  
Signature

Date: 4-19-21

Dawn E Butler  
Printed Name of Witness

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

Norman Arnold Turnquist

Date:

STATE OF           

COUNTY OF           

ss

This            day of           , before me personally came the above-named  
Norman Arnold Turnquist, 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)