

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3737315

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHIYING ZHANG	02/02/2016
SARASIJ DAS	02/04/2016
TARLOCHAN SIDHU	02/08/2016
MOHAMMAD REZA DADASH ZADEH	02/03/2016
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:	15040549
CORRESPONDENCE DATA	
Fax Number:	(404)853-8806
<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>	
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Email:	maple.zheng@sutherland.com
Correspondent Name:	SUTHERLAND ASBILL & BRENNAN LLP
Address Line 1:	999 PEACHTREE STREET NE
Address Line 2:	SUITE 2300
Address Line 4:	ATLANTA, GEORGIA 30309-3996
ATTORNEY DOCKET NUMBER:	19441-1138
NAME OF SUBMITTER:	CHRISTOPHER J. CHAN
SIGNATURE:	/Christopher J. Chan/
DATE SIGNED:	02/12/2016
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:

**SYSTEMS AND METHODS FOR DETECTING TURN-TO-TURN FAULTS IN
WINDINGS**

- the specification of which is attached hereto OR
- United States application or PCT international application number
15/040,549 filed on February 10, 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
Zhiying		Zhang	of	Markham		CA
Sarasij		Das	of	Karnataka		IN
Tarlochan		Sidhu	of	Ajax		CA
Mohammad Reza		Dadash Zadeh	of	Irvine	CA	US

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: Zhiying Zhang
Zhiying Zhang

Date: Feb. 2, 2016

Witnessed by: [Signature]
Signature

Date: Feb. 2, 2016

ILIA VOLOH

Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: Feb. 2, 2016

HAO DAI

Printed Name of Witness

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

Zhiying Zhang Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2016 before me personally came the above-named Zhiying 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)

Attorney Docket No. 19441-1138

INVENTOR 2

Signature: Sarasij Das
Sarasij Das

Date: 4 Feb 2016

Witnessed by: [Signature]
Signature

Date: Feb. 4, 2016

A. G. RAMAKRISHNAN
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 4 FEB 2016

KAUSHIK BASU
Printed Name of Witness

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

Sarasij Das

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2016 before me personally came the above-named **Sarasij Das**, 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: Tarlochan S. Sidhu
Tarlochan Sidhu

Date: Feb. 8/2016

Witnessed by: [Signature]
Signature

Date: Feb 8/16

Stephanie Callahan
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: Feb 8/16

Kelly Craker
Printed Name of Witness

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Tarlochan S. Sidhu
Tarlochan Sidhu

Date: Feb 8/2016

STATE OF ONTARIO
COUNTY OF [Signature] ss.

This 8th day of Feb., 2016 before me personally came the above-named Tarlochan Sidhu, 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: [Signature]
Mohammad Reza Dadash Zadeh

Date: 02/03/2016

Witnessed by: [Signature]
Signature

Date: 02/03/2016

Mireza Holizian
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 02/03/2016

Kamyar Shahinbar
Printed Name of Witness

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

Mohammad Reza Dadash Zadeh

Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, 2016 before me personally came the above-named Mohammad Reza Dadash Zadeh, 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)