505083776 09/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5130534

CONVEYING PARTY DATA

Name	Execution Date
SIMON HERBERT SCHRAMM	01/13/2014
SAID FAROUK SAID EL-BARBARI	01/13/2014
STEFAN SCHROEDER	01/13/2014
ZHIHUI YUAN	01/13/2014

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:	16125131

CORRESPONDENCE DATA

Fax Number: (314)584-4062

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.

314-584-4080 Phone:

Email: gpodckt.mail@ge.com

GE GPO- TRANSPORTATION- THE SMALL PATENT **Correspondent Name:**

Address Line 1: 225 S. MERAMEC, SUITE 725 Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	268899-8US (552-426US)	
NAME OF SUBMITTER:	CHRISTOPHER R. CARROLL	
SIGNATURE:	/Christopher R. Carroll/	
DATE SIGNED:	09/07/2018	

Total Attachments: 6

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PATENT REEL: 046816 FRAME: 0914 505083776

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PATENT REEL: 046816 FRAME: 0915

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 FULL RANGE CONTROL OF DUAL ACTIVE BRIDGE

X	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, live

Inventor First	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Name SIMON	HERBERT	SCHRAMM	of	Garching b. Munchen		DE
SAID	FAROUK SAID	EL-BARBARI	of	Garching b. Munchen		DE /
STEFAN		SCHROEDER	of	Garching b. Munchen		DE
ZHIHUI		YUAN	of	Garching b. Munchen		DE

1

v9.18.12 hereby sell and assign to:

	Name of Company: General Electric Company
i	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.

2

INVENTOR 1	
Signature: Simon Herbert SCHRAMM	Date: 13.01.2014
Witnessed by: (1) Signature	Date: Jon. 13. 2014
CHEN, QINGYUN Printed Name of Witness	
Witnessed by: Signature	Date: Jan 13, 2014
SHEN, JIE	
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING	S IN PRESENCE OF A NOTARY
SIMON HERBERT SCHRAMM	
STATE OF	
COUNTY OF	
This day of, bef SIMON HERBERT SCHRAMM, to me personally k foregoing assignment, who acknowledged to me that free will for the purposes therein set forth.	nown as the individual who executed the
Seal	
	(Notary Public)

INVENTOR 2	
Signature: Sall & Barbar SAID FAROUK SAID EL-BARBARI	Date: 13.1.2014
Witnessed by: CLO Signature CHFA, GZNGYUN	Date: Jan 13. 2014
Printed Name of Witness	~~
Witnessed by: Sken Jru Signature	Date: Jan 13, 2019
SHEN, JIE Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING	G IN PRESENCE OF A NOTARY
SAID FAROUK SAID EL-BARBARI	
STATE OF ss.	
This day of, be SAID FAROUK SAID EL-BARBARI, to me personall foregoing assignment, who acknowledged to me tha free will for the purposes therein set forth.	fore me personally came the above-named y known as the individual who executed the t he/she executed the same of his/her own
Seal	
	(Notary Public)

INVENTOR 3	
Signature: STEFAN SCHROEDER	Date:
Witnessed by: Che Signature	Date: Jan 13 20/14
Printed Name of Witness	
Witnessed by: Signature	Date: Jan 13, 2014
SHEN, J1E Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGN	ING IN PRESENCE OF A NOTARY
Da STEFAN SCHROEDER	te:
STATE OF SS.	
COUNTY OF	
This day of, STEFAN SCHROEDER, to me personally known assignment, who acknowledged to me that he/she the purposes therein set forth.	before me personally came the above-name as the individual who executed the foregoin executed the same of his/her own free will for
Seal	
	(Notary Public)

INVENTOR 4	
Signature:	Date:)an, 13, 204
Witnessed by: Signature	Date: Jan. 13. 2014
Printed Name of Witness	
Witnessed by: Signature	Date: Jon, 13, 2014
SHEN, JIE Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNII	NG IN PRESENCE OF A NOTARY
ZHIHUI YUAN	j
STATE OF ss.	
COUNTY OF	
This day of, b ZHIHUI YUAN, to me personally known as the individual who acknowledged to me that he/she executed the therein set forth.	dual who executed the foregoing assignment
Seal	
***************************************	(Notary Public)

6