504307892 04/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT4354573

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON ROBERT PAROLINI	04/03/2017
JON CONRAD SCHAEFFER	04/04/2017
ARTHUR S. PECK	04/03/2017
SRIKANTH CHANDRUDU KOTTILINGAM	04/03/2017
CANAN USLU HARDWICKE	04/03/2017

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY
Street Address:	ONE RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15479872

CORRESPONDENCE DATA

Fax Number: (717)237-5300

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.

Phone: 717-237-5455

Email: ksmith@mcneeslaw.com

Correspondent Name: KERRI J. SMITH, PARALEGAL

Address Line 1: 100 PINE STREET Address Line 2: P.O. BOX 1166

Address Line 4: HARRISBURG, PENNSYLVANIA 17108-1166

ATTORNEY DOCKET NUMBER:	317417/22113-0370
NAME OF SUBMITTER:	KERRI J. SMITH
SIGNATURE:	/Kerri J. Smith/
DATE SIGNED:	04/05/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 504307892 REEL: 041861 FRAME: 0489

Total Attachments: 5 source=A5692543#page1.tif source=A5692543#page2.tif source=A5692543#page3.tif source=A5692543#page4.tif source=A5692543#page5.tif

PATENT REEL: 041861 FRAME: 0490 Docket No.: 317417/22113-0370-01

Customer No.: 13152

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 FORMING CMC ARTICLE

\boxtimes	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 insert above the application number and filing date of the application when known.)	to

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
Jason	Robert	PAROLINI	of	Greer	SC	US
Jon	Conrad	SCHAEFFER	of	Simpsonville	SC	US
Arthur	S.	PECK	of	Greenville	SC	US
Srikanth	Chandrudu	KOTTILINGAM	of	Greenville	SC	US
Canan	Uslu	HARDWICKE	of	Simpsonville	SC	US

PATENT REEL: 041861 FRAME: 0491 Docket No.: 317417/22113-0370-01

Customer No.: 13152

hereby sell and assign to:

Name of Company: GENERAL ELECTRIC COMPANY
Entity Type (optional): New York corporation
Address: One 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.

INVENTOR 1	
Signature:	Date: 4/3//7
Witnessed by: <u>Iwn Ciù</u> Signature	Date: <u>4/3/17</u>
<u>Yan Cuù</u> Printed Name of Witness	
Witnessed by: Signature	Date: 4/3//>
Brian L. Tollisen Printed Name of Witness	
000000000000000000000000000000000000000	
INVENTOR 2	
	Date: 4-4-/7
Signature: Jøn Conrad SCHAEFFER Witnessed by: Signature	Date: 4-4-17
Signature: Jøn Conrad SCHAEFFER	
Signature: Jon Conrad SCHAEFFER Witnessed by: Signature	
Signature: Jøn Conrad SCHAEFFER Witnessed by: Signature Printed Name of Witness	Date: 4-17

Docket No.: 317417/22113-0370-01

Customer No.: 13152

Docket No.: 317417/22113-0370-01 Customer No.: 13152 **INVENTOR 3** Witnessed by: 4/3//7
Signature Date: 4/3//7 Printed Name of Witness Witnessed by: Signature Date: 4/3//7 Brian L To //ison
Printed Name of Witness **INVENTOR 4** Signature: Date: 4/3/17
Srikanth Chandrudu KOTTILINGAN Printed Name of Witness

Witnessed by: Date: 4/3//>
Signature

Date: 4/3//> Brian L. Tollison
Printed Name of Witness

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Customer No.: 13152 **INVENTOR 5** Date: 4/3/2017 Signature: Witnessed by: _______Signature Date: 4/3/2017 Yan Cuè Printed Name of Witness Witnessed by: 4/3/2017
Signature

Date: 4/3/2017

Signature

Docket No.: 317417/22113-0370-01