

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4330070

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JASON ROBERT PAROLINI	03/09/2017
MATTHEW TROY HAFNER	03/15/2017
JAMES JOSEPH MURRAY	03/20/2017
SRIKANTH CHANDRUDU KOTTILINGAM	03/15/2017
CANAN USLU HARDWICKE	03/09/2017
JOHN MCCONNELL DELVAUX	03/15/2017
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:	15465726
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:	docketing@dority-manning.com,tsomers@dority-manning.com
Correspondent Name:	DORITY & MANNING, PA AND GENERAL ELECTRI
Address Line 1:	POST OFFICE BOX 1449
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602
ATTORNEY DOCKET NUMBER:	317407-1/GEC-1414
NAME OF SUBMITTER:	MATTHEW J. SUTCH
SIGNATURE:	/matthew j. sutch 74,000/
DATE SIGNED:	03/22/2017
Total Attachments: 8	

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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 FORMING PASSAGES IN COMPOSITE COMPONENTS

- the specification of which is attached hereto OR
- United States application or PCT international application number
15/465,726 filed on March 22, 2017, 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
Jason	Robert	Parolini	of	Anderson	South Carolina	USA
Matthew	Troy	Hafner	of	Honea Path	South Carolina	USA
James	Joseph	Murray	of	Piedmont	South Carolina	USA
Srikanth	Chandrudu	Kottilingam	of	Greenville	South	USA

Canan	Uslu	Hardwicke	of	Greenville	Carolina South Carolina	USA
John	McConnell	Delvaux	of	Fountain Inn	South Carolina	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.)

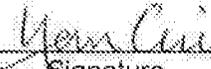
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request 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: 
Jason Robert Parolini

Date: March 9, 2017

Witnessed by: 
Signature

Date: 3/9/2017

Yan Cui
Printed Name of Witness

Witnessed by: 
Signature

Date: 3/9/2017

Printed Name of Witness

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

Jason Robert Parolini Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Jason Robert Parolini, 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: *Matthew Troy Hafner*
Matthew Troy Hafner

Date: 3/15/17

Witnessed by: *Glenn Taxator*
Signature

Date: 3/15/17

GLENN TAXATOR
Printed Name of Witness

Witnessed by: *Jacob Kittleson*
Signature

Date: 3/15/17

Jacob Kittleson
Printed Name of Witness

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

Matthew Troy Hafner

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Matthew Troy Hafner, 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: James Joseph Murray III
James Joseph Murray

Date: 3/20/17

Witnessed by: Sylvia M. DeCaro
Signature

Date: 3/20/17

Sylvia M. DeCaro
Printed Name of Witness

Witnessed by: Blake A. Fulton
Signature

Date: 3/20/17

Blake A. Fulton
Printed Name of Witness

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

James Joseph Murray

Date: _____

STATE OF _____

ss. _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named James Joseph Murray, 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: *Srikanth Chandrudu Kottilingam*
Srikanth Chandrudu Kottilingam

Date: 3/15/17

Witnessed by: *Tom Battiste*
Signature

Date: 3/15/17

Tom Battiste
Printed Name of Witness

Witnessed by: *Yan Cui*
Signature

Date: 3/15/17

Yan Cui
Printed Name of Witness

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

Srikanth Chandrudu Kottilingam

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Srikanth Chandrudu Kottilingam, 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: *Canan Uslu Hardwicke*
Canan Uslu Hardwicke

Date: 9 March 2017

Witnessed by: *Yan Cui*
Signature

Date: 3/9/2017

Yan Cui
Printed Name of Witness

Witnessed by: *Christopher R. Hemmick*
Signature

Date: 3/9/2017

Printed Name of Witness

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

Canan Uslu Hardwicke Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Canan Uslu Hardwicke, 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: [Handwritten Signature] Date: 3/15/17
John McConnell Delvaux

Witnessed by: [Handwritten Signature] Date: 3/15/17
Signature

Jacob Kittleson
Printed Name of Witness

Witnessed by: [Handwritten Signature] Date: 3/15/17
Signature

John Greene
Printed Name of Witness

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

John McConnell Delvaux Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named John McConnell Delvaux, 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)