10/25/2018 505159721

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5206488

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER DE DIEGO	10/09/2018
JOHN ELLINGTON GREENE	10/16/2018
MATTHEW TROY HAFNER	10/17/2018
DAVID RANDALL HOBART	10/12/2018
JAMES JOSEPH MURRAY III	10/16/2018

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:	16170794

CORRESPONDENCE DATA

Fax Number: (518)514-1343

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: 5183876843

Email: shannon.cannizzaro@ge.com

Correspondent Name: GENERAL ELECTRIC COMPANY - ERNEST G. CUSICK

Address Line 1: 1 RESEARCH CIRCLE

K1-3A61 Address Line 2:

Address Line 4: NISKAYUNA, NEW YORK 12309

ATTORNEY DOCKET NUMBER:	325682	
NAME OF SUBMITTER:	CHARLOTTE C. WILSON	
SIGNATURE:	/CCW45224/	
DATE SIGNED:	10/25/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 047313 FRAME: 0618

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Total Attachments: 7 source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page1.tif source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page2.tif source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page3.tif source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page4.tif source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page5.tif source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page6.tif source=325682-1_US_Combined_Assignment_Declaration_25Oct2018#page7.tif

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:

CERAMIC MATRIX COM	POSITE	TURBINE NOZZLE SHELL
AND METH	HOD OF	ASSEMBLY
[] United States application		nich is attached hereto OF PCT international application number as amended or
(We hereby authorize and request	the Com	ipany or its delegated attorneys or agents to ig date of the application, when known.)
The above-identified application was m	ade or a	uthorized to be made by us.
We believe that we are original joint inv	entors c	of a claimed invention in the application.
		e statement made in this declaration is risonment of not more than five (5) years
We have reviewed and understand t including the claims, as amended by ar		ents of the above-identified application dment referred to above.
this application as defined in 37	CFR §	on which is material to the patentability of 1.56, including, for continuation-in-par e available between the filing date of the nuation-in-part application.
Information Agreement or (as applicab not limited to, the Services Agreement	le) arisir betweer	n Employee Innovation and Proprietary ng out of other agreements (such as, but n General Electric Company, a New York ther good and valuable consideration of
Peter de Diego	<u>of</u> _	Zirconia, North Carolina
		(city, state or country)
John Ellington Greene	<u>of</u>	Greenville, South Carolina
		(city, state or country)
Matthew Troy Hafner	of	Honea Path, South Carolina

PATENT REEL: 047313 FRAME: 0620

(city, state or country)

"CERAMIC MATRIX COMPOSITE TURBINE NOZZLE SHELL AND METHOD OF ASSEMBLY"

David Randall Hobart	<u>of</u>	Cincinnati, Ohio
		(city, state or country)
James Joseph Murray, III	<u>of</u>	Mauldin, South Carolina
		(city, state or country)

hereby sell and assign to:

Name of Company:	General Electric Company
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 and 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, 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, 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.

GE Docket No. 325682 "CERAMIC MATRIX COMPOSITE TURBINE NOZZLE SHELL AND METHOD OF ASSEMBLY" **INVENTOR 1** Date: <u>QA98018</u>
111 19 118 Signature: _____ Date: 10/9/18 Witnessed by:____ SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Peter de Diego STATE OF _____ COUNTY OF ____ This _____ day of _____, ___ before me personally came the above-named __Peter de Diego ___, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she execute the

same of his/her own free will for the purposes therein set forth.

(Notary Public)

Seal

INVENTOR 2	
Signature: John Ellington Greene	Date: 10/16/7018
Witnessed by: Signature	Date: 10/16/2018
GLENN TAXACHER	
Printed Name of Witness	
Witnessed by: Mally Signature	Date: 10/16/2018
Philip Malloy	
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGN	NING IN PRESENCE OF A NOTARY
John Ellington Greene	Date:
John Emilyton Greene	
STATE OF	
SS.	
COUNTY OF	
This day of the above-named John Ellington Greene,	_, before me personally came
individual who executed the foregoing assignmen	
execute the same of his/her own free will for the	
Seal	

(Notary Public)

"CERAMIC MATRIX COMPOSITE TURBINE NOZZLE SHELL AND METHOD OF ASSEMBLY"

GE Docket No. 325682

Signature: __ Date: __(0 / (1) THOMAS WICKERT Printed Name of Witness Date: 10/17/18 Witnessed by: Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: **Matthew Troy Hafner** STATE OF 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 execute the same of his/her own free will for the purposes therein set forth.

(Notary Public)

"CERAMIC MATRIX COMPOSITE TURBINE NOZZLE SHELL AND METHOD OF ASSEMBLY"

GE Docket No. 325682

INVENTOR 3

Seal

	//~ />~/@
Signature: <u>Do P によれ けっし</u> っナ David Randall Hobart	- Date: <u>/o//2/2018</u>
Witnessed by: <u>// //</u> Signature	Date: <u>/0//2/20/8</u>
Mixe RA-r Printed Name of Witness	
Witnessed by: <u>しゅ K Gouschu</u> Signature	Date: <u>/0//2//8</u>
Elise K. Poerschke	
Printed Name of Witness	
SECTION BELOW IS FOR LISE ONLY IF SIGI	VING IN PRESENCE OF A NOTARY
SECTION BELOW IS FOR USE ONLY IF SIGI	VING IN PRESENCE OF A NOTARY Date:
David Randall Hobart	
David Randall Hobart STATE OFss.	
David Randall Hobart STATE OFss. COUNTY OF	Date:
David Randall Hobart STATE OF	Date:before me personally carne to me personally known as the it, who acknowledged to me that he/she
David Randall Hobart STATE OF	Date:before me personally carne to me personally known as the it, who acknowledged to me that he/she

"CERAMIC MATRIX COMPOSITE TURBINE NOZZLE SHELL AND METHOD OF ASSEMBLY"

GE Docket No. 325682

INVENTOR 4

INVENTOR 5	
Signature: James Joseph Murray, III	Date: 10/11/2018
Witnessed by: My Eur Mule Signature	Date: 10/16/2018
Maxical Evan Miller Printed Name of Witness	
Witnessed by: Jamungho Signature	Date: 10/16/2018
John Luepke Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNI	ING IN PRESENCE OF A NOTARY
	Date:
James Joseph Murray, III	Bate.
STATE OFss.	
COUNTY OF	
This day of the above-named	, before me personally came
the above-named <u>James Joseph Murray, III</u> , individual who executed the foregoing assignment, execute the same of his/her own free will for the pu	, who acknowledged to me that he/she

"CERAMIC MATRIX COMPOSITE TURBINE NOZZLE SHELL AND METHOD OF ASSEMBLY"

PATENT REEL: 047313 FRAME: 0626

RECORDED: 10/25/2018

GE Docket No. 325682