

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4286537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GREGORY TERRENCE GARAY	02/17/2017
MARK KEVIN MEYER	02/21/2017
DOUGLAS GERARD KONITZER	01/30/2017
WILLIAM THOMAS CARTER	02/16/2017
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:	15439451
CORRESPONDENCE DATA	
Fax Number:	(202)857-6395
<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:	2028576000
Email:	scott.dodge@arentfox.com
Correspondent Name:	ARENT FOX LLP
Address Line 1:	1717 K STREET NW
Address Line 4:	WASHINGTON, D.C. 20006
ATTORNEY DOCKET NUMBER:	315780D/037216.00090
NAME OF SUBMITTER:	SCOTT DODGE
SIGNATURE:	/Scott Dodge/
DATE SIGNED:	02/22/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 7	
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COMBINED DECLARATION AND GLOBAL ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventors, we hereby declare that:

This declaration and assignment are directed to:

**METHOD OF MANUFACTURING TURBINE AIRFOIL AND TIP COMPONENT
THEREOF USING CERAMIC CORE WITH WITNESS FEATURE**

the specification of which is attached hereto

OR

United States application or PCT international application number

15/439,451 filed on February 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
Gregory	Terrence	GARAY	of	West Chester	OH	US
Mark	Kevin	MEYER	of	Cincinnati	OH	US
Douglas	Gerard	KONITZER	of	West Chester	OH	US

William	Thomas	CARTER	of	Niskayuna	NY	US
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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: Gregory T. Garay Date: 2/17/2017
Gregory Terrence GARAY

Witnessed by: [Signature] Date: 2/17/2017
Signature

TINGFAN PANG
Printed Name of Witness

Witnessed by: [Signature] Date: 17 Feb 2017
Signature

Michael Cole
Printed Name of Witness

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

Gregory Terrence GARAY Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named Gregory Terrence GARAY, 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: [Handwritten Signature] Date: 21 Feb 2017
Mark Kevin MEYER

Witnessed by: [Handwritten Signature] Date: 02/21/2017
Signature

Ping Wang
Printed Name of Witness

Witnessed by: [Handwritten Signature] Date: 2/21/17
Signature

Eric Ott
Printed Name of Witness

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

_____ Date: _____
Mark Kevin MEYER

STATE OF _____
ss.
COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Mark Kevin MEYER, 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: Douglas Gerard Konitzer Date: 1/30/17
Douglas Gerard KONITZER

Witnessed by: Mike Brennan Date: 1/30/17
Signature

Mike Brennan
Printed Name of Witness

Witnessed by: D'Arcy Stone Date: 30 Jan 2017
Signature

D'Arcy Stone
Printed Name of Witness

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

_____ Date: _____

Douglas Gerard KONITZER

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Douglas GERARD KONITZER**, 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: *William Thomas Carter* Date: 2/14/17
William Thomas CARTER

Witnessed by: *[Signature]* Date: 2-16-17
Signature

LEO RYAN LITVIN
Printed Name of Witness

Witnessed by: *[Signature]* Date: 2-16-17
Signature

Richard DiDomenico
Printed Name of Witness

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

_____ Date: _____

William Thomas CARTER

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named William Thomas CARTER, 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)