

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3225560

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BERNARD PATRICK BEWLAY	02/11/2015
AMBARISH JAYANT KULKARNI	02/11/2015
NICOLE JESSICA TIBBETTS	02/11/2015
BRIAN MICHAEL ELLIS	02/11/2015
MANUEL K. BUENO	02/12/2015
EVER REYES	02/12/2015
NOEL BATES	02/11/2015
BRIAN KALB	02/11/2015
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:	14621465
CORRESPONDENCE DATA	
Fax Number:	(518)387-7751
<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:	518-387-7724
Email:	gpo.mail@ge.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH
Address Line 1:	ONE RESEARCH CIRCLE
Address Line 2:	BLDG. K1-3A59
Address Line 4:	NISKAYUNA, NEW YORK 12309
ATTORNEY DOCKET NUMBER:	278262-1
NAME OF SUBMITTER:	BRETT HUTTON
SIGNATURE:	/Brett Hutton/

PATENT

DATE SIGNED:	02/13/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 20 source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page1.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page2.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page3.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page4.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page5.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page6.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page7.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page8.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page9.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page10.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page11.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page12.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page13.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page14.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page15.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page16.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page17.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page18.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page19.tif source=278262-1 US True and Accurate Copy of Assignment Declaration 13FEBRUARY2015 (H0168807xD16FB)#page20.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:

DETERGENT DELIVERY METHODS AND SYSTEMS FOR TURBINE ENGINES

the specification of which is attached hereto OR

United States application or PCT international application number
14/621,465 filed on February 13, 2015, 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
Bernard	Patrick	BEWLAY	of	Niskayuna	NY	US
Ambarish	Jayant	KULKARNI	of	Glenville	NY	US
Nicole	Jessica	TIBBETTS	of	Delanson	NY	US
Brian	Michael	ELLIS	of	Mayfield	NY	US
Manuel	K.	BUENO	of	Syracuse	NY	US
Ever		REYES	of	Pearland	TX	US
Noel		BATES	of	Duanesburg	NY	US
Brian		KALB	of	Montgomery	OH	US

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: Bernard Patrick Bewlay
Bernard Patrick BEWLAY

Date: 2-11-15

Witnessed by: Paul R Myers
Signature

Date: 2-11-15

Paul R Myers
Printed Name of Witness

Witnessed by: Justin J. Gambone
Signature

Date: 2-11-15

Justin J. Gambone
Printed Name of Witness

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

Date: _____

Bernard Patrick BEWLAY

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Bernard Patrick BEWLAY**, 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: _____

Ambarish Jayant KULKARNI

Date: _____

02/11/2015

Witnessed by: _____

Signature

ADRIAN LOGHIN

Printed Name of Witness

Date: _____

02/11/2015

Witnessed by: _____

Signature

Krzysztof Lesnicki

Printed Name of Witness

Date: _____

2/11/15

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

Date: _____

Ambarish Jayant KULKARNI

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ambarish Jayant KULKARNI**, 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: Nicole Jessica Tibbetts
Nicole Jessica TIBBETTS

Date: 02/11/2015

Witnessed by: Susan M. Folus
Signature

Date: 02/11/2015

Susan M. Folus
Printed Name of Witness

Witnessed by: Frank Wagenbaugh
Signature

Date: 2/11/15

Frank Wagenbaugh
Printed Name of Witness

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

Date: _____

Nicole Jessica TIBBETTS

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Nicole Jessica TIBBETTS**, 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: Brian Michael Ellis
Brian Michael ELLIS

Date: 2-11-2015

Witnessed by: Paul R Myers
Signature

Date: 2-11-2015

Paul R Myers
Printed Name of Witness

Witnessed by: Justin J. Gambone
Signature

Date: 2/11/15

Justin J. Gambone
Printed Name of Witness

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

Date: _____

Brian Michael ELLIS

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Brian Michael ELLIS** 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: _____
Manuel K. BUENO

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Manuel K. BUENO

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Manuel K. BUENO** 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: _____
Ever REYES

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Ever REYES

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ever REYES** 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 7

Signature: Noel Bates
Noel BATES

Date: 2-11-15

Witnessed by: [Signature]
Signature

Date: 2/11/15

Robert J. Davis
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 2/11/15

Eric Telford
Printed Name of Witness

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

Date: _____

Noel BATES

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Noel BATES** 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 8

Signature: Brian Kalb
Brian KALB

Date: 02/11/15

Witnessed by: [Signature]
Signature

Date: 02-11-15

Rob R. Anthony
Printed Name of Witness

Witnessed by: Anil Mathur
Signature

Date: 02-11-15

Anil Mathur
Printed Name of Witness

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

Date: _____

Brian KALB

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Brian KALB** 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)

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:

DETERGENT DELIVERY METHODS AND SYSTEMS FOR TURBINE ENGINES

the specification of which is attached hereto OR

United States application or PCT international application number

14/621,465 filed on February 13, 2015, as
amended on [date] (if applicable).

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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.

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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
Bernard	Patrick	BEWLAY	of	Niskayuna	NY	US
Ambarish	Jayant	KULKARNI	of	Glenville	NY	US
Nicole	Jessica	TIBBETTS	of	Delanson	NY	US
Brian	Michael	ELLIS	of	Mayfield	NY	US
Manuel	K.	BUENO	of	Syracuse	NY	US
Ever		REYES	of	Pearland	TX	US
Noel		BATES	of	Duanesburg	NY	US
Brian		KALB	of	Montgomery	OH	US

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: _____
Bernard Patrick BEWLAY

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Bernard Patrick BEWLAY

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Bernard Patrick BEWLAY**, 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: _____
Ambarish Jayant KULKARNI

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Ambarish Jayant KULKARNI

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ambarish Jayant KULKARNI**, 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: _____
Nicole Jessica TIBBETTS

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Nicole Jessica TIBBETTS

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Nicole Jessica TIBBETTS**, 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: _____
Brian Michael ELLIS

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Brian Michael ELLIS

STATE OF

ss.

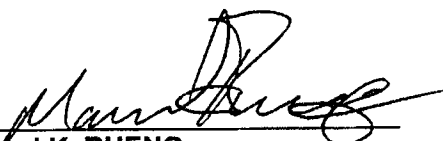
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Brian Michael ELLIS** 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: 
Manuel K. BUENO

Date: 2/12/15

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

 Date: 2/12/15

Manuel K. BUENO

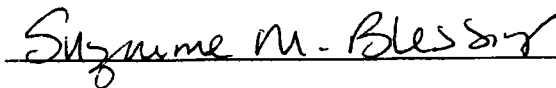
STATE OF

ss.

COUNTY OF

This 12 day of February, 2015 before me personally came the above-named **Manuel K. BUENO** 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



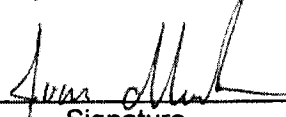
(Notary Public)

SUZANNE M. BLESSING
NOTARY PUBLIC-STATE OF NEW YORK
No. 01BL6273165
Qualified in Onondaga County
My Commission Expires December 03, 2016

INVENTOR 6

Signature: 
Ever REYES

Date: 2-12-15

Witnessed by: 
Signature

Date: 2.12.15

JUAN MENDOZA
Printed Name of Witness

Witnessed by: Rosa DeLaO
Signature

Date: 2-12-15

Rosa DeLaO
Printed Name of Witness

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

Date: _____

Ever REYES

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ever REYES** 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 7

Signature: _____
Noel BATES

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Noel BATES

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Noel BATES** 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 8

Signature: _____
Brian KALB

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Date: _____

Brian KALB

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Brian KALB** 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)