

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gary Michael Itzel</td> <td>11/06/2012</td> </tr> <tr> <td>Kevin R. Kirtley</td> <td>11/09/2012</td> </tr> <tr> <td>Christian Lee Vandervort</td> <td>11/05/2012</td> </tr> <tr> <td>Ronald Scott Bunker</td> <td>11/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gary Michael Itzel	11/06/2012	Kevin R. Kirtley	11/09/2012	Christian Lee Vandervort	11/05/2012	Ronald Scott Bunker	11/05/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>General Electric Company</td> </tr> <tr> <td>Street Address:</td> <td>1 River Road</td> </tr> <tr> <td>City:</td> <td>Schenectady</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>12345</td> </tr> </table>		Name:	General Electric Company	Street Address:	1 River Road	City:	Schenectady	State/Country:	NEW YORK	Postal Code:	12345
Name:	General Electric Company										
Street Address:	1 River Road										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13709306</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13709306						
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CORRESPONDENCE DATA											
<p>Fax Number: 8642337342  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 864-271-1592        Email: docketing@dority-manning.com        Correspondent Name: Dority &amp; Manning, PA and General Electri        Address Line 1: Post Office Box 1449        Address Line 4: Greenville, SOUTH CAROLINA 29602</p>											
ATTORNEY DOCKET NUMBER:	261924/GEC-649										
NAME OF SUBMITTER:	Steven R. LeBlanc										
<p>Total Attachments: 6        source=261924_GEC649_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page1.tif</p>											

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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:

**SYSTEM AND METHOD FOR REMOVING HEAT FROM A TURBINE**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
13/709,306 filed on December 10, 2012, 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
Gary	Michael	Itzel	of	Simpsonville	South Carolina	United States of America
Kevin	R.	Kirtley	of	Simpsonville	South Carolina	United States of America

Christian	Lee	Vandervort	of	Voorheesville	New York	United States of America
Ronald	Scott	Bunker	of	Waterford	New York	United States of America

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.

INVENTOR 1

Signature: Gary Michael Itzel  
Gary Michael Itzel

Date: 11/6/2012

Witnessed by: Ceci  
Signature

Date: 11/06/2012

Wei Ning  
Printed Name of Witness

Witnessed by: Xinzhong James Zhang  
Signature

Date: 11/6/2012

Xinzhong James Zhang  
Printed Name of Witness

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

\_\_\_\_\_  
Gary Michael Itzel Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Gary Michael Itzel, 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: Kevin R. Kirtley Date: Nov 9 2012

Witnessed by: Valerie D. Brooks-Madden Date: 11/9/2012  
Signature  
Valerie D. Brooks-Madden  
Printed Name of Witness

Witnessed by: Oliver C. Sams IV Date: 11/9/2012  
Signature  
OLIVER C. SAMs IV  
Printed Name of Witness

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

\_\_\_\_\_  
Kevin R. Kirtley Date: \_\_\_\_\_

STATE OF

ss.


COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Kevin R. Kirtley, 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:   
Christian Lee Vandervort

Date: November 5, 2012

Witnessed by:   
Signature

Date: November 5, 2012

LYNN M LAGACE  
Printed Name of Witness

Witnessed by:   
Signature

Date: November 5, 2012

Erin Jensen  
Printed Name of Witness

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

\_\_\_\_\_  
Christian Lee Vandervort

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Christian Lee Vandervort**, 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: Ronald Scott Bunker  
Ronald Scott Bunker

Date: 5 Nov. 2012

Witnessed by: Todd G. Wetzel  
Signature

Date: 11/5/2012

Todd G. Wetzel  
Printed Name of Witness

Witnessed by: Sherif Mohamed  
Signature

Date: 11/5/2012

Sherif Mohamed  
Printed Name of Witness

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

\_\_\_\_\_  
Ronald Scott Bunker

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Ronald Scott Bunker**, 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)