

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Aaron Ezekiel Smith</td> <td>12/14/2011</td> </tr> <tr> <td>Christopher Michael Penny</td> <td>12/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Aaron Ezekiel Smith	12/14/2011	Christopher Michael Penny	12/14/2011				
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Aaron Ezekiel Smith	12/14/2011										
Christopher Michael Penny	12/14/2011										
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										
City:	Schenectady										
State/Country:	NEW YORK										
Postal Code:	12345										
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>13344530</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13344530						
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Application Number:	13344530										
CORRESPONDENCE DATA											
<p>Fax Number: (281)970-4503          Phone: 281-970-4545          Email: swanson@fyiplaw.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>          Correspondent Name: Fletcher Yoder, c/o Tait Swanson          Address Line 1: PO Box 692289          Address Line 4: Houston, TEXAS 77269-2289</p>											
ATTORNEY DOCKET NUMBER:	GEEN:0379 (252625-1)										
NAME OF SUBMITTER:	Tait R. Swanson										
<p>Total Attachments: 3          source=252625-1_GEEN0379_Assignment_09JAN2012#page1.tif          source=252625-1_GEEN0379_Assignment_09JAN2012#page2.tif          source=252625-1_GEEN0379_Assignment_09JAN2012#page3.tif</p>											

OP \$40.00 13344530

PATENT

**ASSIGNMENT**

In accordance with my/our obligations 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 the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Aaron Ezekiel Smith of Simpsonville, SC  
Christopher Michael Penny of Greer, SC

hereby sell and assign to **General Electric Company, a New York Corporation**, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**SYSTEM AND METHOD FOR COOLING TURBINE BLADES**

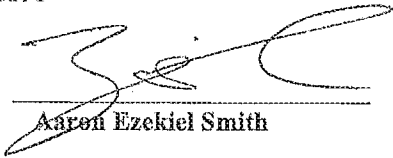
executed concurrently herewith, or

filed on January 5, 2012 having Serial Number 13/344,530.

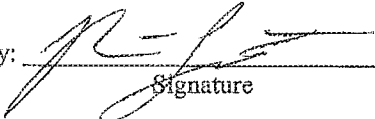
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

I/we authorize and request that any attorney associated with **PTO Customer No. 82438** may insert additional information identifying said PCT Patent Application, United States Patent Application and/or United States Provisional Application(s) after execution of this agreement;

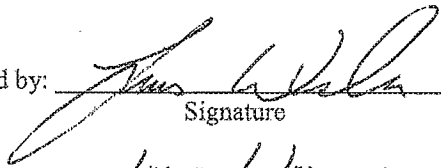
INVENTOR 1

Signature:   
Aaron Ezekiel Smith

Date: 12/14/11

Witnessed by:   
Robert Lutomski  
 Printed Name of Witness

Date: 12/14/11

Witnessed by:   
Lucas Wedmore  
 Printed Name of Witness

Date: 12/14/2011

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

Aaron Ezekiel Smith

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

STATE OF \_\_\_\_\_ )  
 ) §§.  
 COUNTY OF \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Aaron Ezekiel Smith, 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: *Christopher Michael Penny*  
Christopher Michael Penny

Date: 12/14/2011

Witnessed by: *Spencer Kaeff*  
Signature  
Printed Name of Witness

Date: 12/14/2011

Witnessed by: *Jason D Herzlinger*  
Signature  
Printed Name of Witness

Date: 12/14/11

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

\_\_\_\_\_  
Christopher Michael Penny

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

STATE OF )  
                  ) §§.  
COUNTY OF )

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Christopher Michael Penny, 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)