

## PATENT ASSIGNMENT

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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>Ashley L. Lewis</td> <td>01/29/2013</td> </tr> <tr> <td>Steve H. Radke</td> <td>01/29/2013</td> </tr> <tr> <td>Chin-Sheng Lee</td> <td>01/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ashley L. Lewis	01/29/2013	Steve H. Radke	01/29/2013	Chin-Sheng Lee	01/30/2013
Name	Execution Date								
Ashley L. Lewis	01/29/2013								
Steve H. Radke	01/29/2013								
Chin-Sheng Lee	01/30/2013								
RECEIVING PARTY DATA									
Name:	Siemens Energy, Inc.								
Street Address:	4400 Alafaya Trail								
City:	Orlando								
State/Country:	FLORIDA								
Postal Code:	32826-2399								
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>13743601</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13743601				
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Application Number:	13743601								
CORRESPONDENCE DATA									
Fax Number:	7323213014								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	7323213026								
Email:	IPDadmin.us@siemens.com								
Correspondent Name:	Sandra Baker								
Address Line 1:	170 Wood Avenue South								
Address Line 2:	Intellectual Property Department								
Address Line 4:	Iselin, NEW JERSEY 08830								
ATTORNEY DOCKET NUMBER:	2012P01492US01								
NAME OF SUBMITTER:	Karen Avant								
Total Attachments: 4 source=SEI Assignment#page1.tif source=SEI Assignment#page2.tif source=SEI Assignment#page3.tif source=SEI Assignment#page4.tif									

CH \$40.00 13743601

**ASSIGNMENT**

For good and valuable consideration, I (We),

**Ashley L. Lewis**, residing at 133 Reserve Circle Unit 213, Oviedo, FL 32765, US, citizen of US

**Steve H. Radke**, residing at 603 Forestgreen CT, Orlando, FL 32828, US, citizen of US

**Chin-Sheng Lee**, residing at 687 Benitawood Court, Winter Springs, FL 32708, US, citizen of US

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to **Siemens Energy, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 4400 Alafaya Trail, Orlando, FL 32826-2399, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED STATES OF AMERICA or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of UNITED STATES OF AMERICA or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: **METHOD AND SYSTEM OF DETERMINISTIC FATIGUE LIFE PREDICTION FOR ROTOR MATERIALS**

Filing Date : **01/17/2013**

Appln No. **13/743,601**

Internal Case Number(s): **2012P01492 US01**

Patent Application Title: **METHOD AND SYSTEM OF DETERMINISTIC FATIGUE LIFE PREDICTION FOR ROTOR MATERIALS**

Filing Date : **01/23/2012**

Appln No. **61/589,426**

Internal Case Number(s): **2012P01492 US**

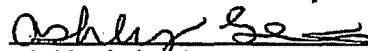
and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



Witness Signature



Ashley L. Lewis

STEVEN H. RAOKE

printed name

01/29/2013

Date

Ashley Lewis  
Witness Signature

Steve H. Radke  
Steve H. Radke

Ashley Lewis  
printed name

1/29/13  
Date

Ashley Lewis  
Witness Signature

Chin-Sheng Lee  
Chin-Sheng Lee

Ashley Lewis  
printed name

1/30/13  
Date

Companies Representative(s)  
Siemens Energy, Inc.

Signature [Handwritten Signature]  
Name

JOHN P. MUSONE

Date 5 Mar 2013