

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>Anand A. Kulkarni</td> <td>03/12/2013</td> </tr> <tr> <td>Ahmed Kamel</td> <td>03/13/2013</td> </tr> <tr> <td>Jonathan E. Shipper Jr.</td> <td>03/12/2013</td> </tr> <tr> <td>Cora Schillig</td> <td>03/12/2013</td> </tr> <tr> <td>Gary B. Merrill</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Anand A. Kulkarni	03/12/2013	Ahmed Kamel	03/13/2013	Jonathan E. Shipper Jr.	03/12/2013	Cora Schillig	03/12/2013	Gary B. Merrill	03/14/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Siemens Energy, Inc</td> </tr> <tr> <td>Street Address:</td> <td>4400 Alafaya Trail</td> </tr> <tr> <td>City:</td> <td>Orlando</td> </tr> <tr> <td>State/Country:</td> <td>FLORIDA</td> </tr> <tr> <td>Postal Code:</td> <td>32826</td> </tr> </table>		Name:	Siemens Energy, Inc	Street Address:	4400 Alafaya Trail	City:	Orlando	State/Country:	FLORIDA	Postal Code:	32826		
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CORRESPONDENCE DATA													
<p>Fax Number: 4077366440</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 407-736-2808</p> <p>Email: edith.beumer@siemens.com</p> <p>Correspondent Name: SIEMENS CORPORATION INTELLECTUAL PROPERT</p> <p>Address Line 1: 170 WOOD AVENUE SOUTH</p> <p>Address Line 4: ISELIN, NEW JERSEY 08830</p>													
ATTORNEY DOCKET NUMBER:	2013P02374US												
NAME OF SUBMITTER:	Edith Beumer												
<p>Total Attachments: 3</p> <p>source=2013P02374US_Assignment_InvToSEI_executed#page1.tif</p> <p>source=2013P02374US_Assignment_InvToSEI_executed#page2.tif</p> <p>source=2013P02374US_Assignment_InvToSEI_executed#page3.tif</p>													

CH \$40.00 13827233

ASSIGNMENT

For good and valuable consideration, I (We),

Anand A. Kulkarni, residing at 2200 Coolbrook Court, Oviedo, FL 32766, US, citizen of IN

Ahmed Kamel, residing at 2439 Guiana Plum Drive, Orlando, FL 32828, US, citizen of CA

Jonathan E. Shipper, Jr., residing at 2296 River Park Circle, Apt. 1116, Orlando, FL 32817, US,
citizen of US

Cora Schillig, residing at 3201 Buck Hill Place, Orlando, FL 32817, US, citizen of DE

Gary B. Merrill, residing at 2413 Flowering Dogwood Drive, Orlando, FL 32828, 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 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 APPARATUS FOR FABRICATION AND REPAIR**

OF THERMAL BARRIERS

Filing Date (MM/DD/YYYY): **Filed herewith**

Filing Number: **Filed herewith**

Internal Case Number(s): **2013P02374 US**

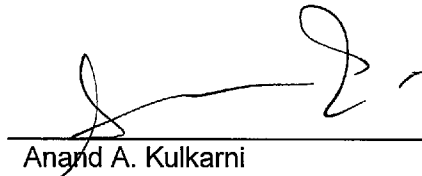
and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed 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

ZAFIR ABDO
printed name


Anand A. Kulkarni

03/12/2013
Date


Witness Signature

ZAFIR ABDO
printed name


Ahmed Kamel

03/13/2013
Date

Zafir Abdo

Witness Signature

ZAFIR ABDO

printed name

Jonathan E. Shipper, Jr.

Jonathan E. Shipper, Jr.

03/12/2013

Date

Zafir Abdo

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printed name

Cora Schillig

Cora Schillig

03/12/2013

Date

Zafir Abdo

Witness Signature

ZAFIR ABDO

printed name

G. B. Merrill

Gary B. Merrill

03/14/2013

Date

Siemens Energy, Inc.

Signature JP Musone

Name: John P. Musone

Title: Assistant Secretary

15 March 2013

Date