

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>Gary B. Merrill</td> <td>01/03/2012</td> </tr> <tr> <td>Cora Schillig</td> <td>12/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	Gary B. Merrill	01/03/2012	Cora Schillig	12/27/2011
Name	Execution Date						
Gary B. Merrill	01/03/2012						
Cora Schillig	12/27/2011						
RECEIVING PARTY DATA							
Name:	Siemens Energy, Inc.						
Street Address:	4400 Alafaya Trail						
City:	Orlando						
State/Country:	FLORIDA						
Postal Code:	32826						
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>13346767</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13346767		
Property Type	Number						
Application Number:	13346767						
CORRESPONDENCE DATA							
Fax Number:	(407)736-6440						
Phone:	4077365611						
Email:	gail.campbell@siemens.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:	Siemens						
Address Line 1:	170 Wood Avenue South						
Address Line 2:	IP Law Dept., Sandra Baker						
Address Line 4:	Iselin, NEW JERSEY 08830						
ATTORNEY DOCKET NUMBER:	2011P12807US						
NAME OF SUBMITTER:	Gail M. Campbell						
Total Attachments: 2 source=2011P12807US_Assignment#page1.tif source=2011P12807US_Assignment#page2.tif							

CH \$40.00 13346767

ASSIGNMENT

I, **GARY B. MERRILL**, residing at **2413 Flowering Dogwood Drive, Orlando, FL 32828, a citizen of the United States**; and **CORA SCHILLIG**, residing at **3201 Buck Hill Place, Orlando, FL 32817, a citizen of Germany**: hereinafter referred to as Assignor(s), (A) hereby 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, Florida 32826, (hereinafter referred to as Assignee), its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to 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 which are disclosed in the below-identified application for United States 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 assignment(s) shall govern, take precedence, and be of legal effect), or (B)(i) to the extent such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right, title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in the below-identified application for United States Letters patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right, title or interest; then for good and valuable consideration, Assignor(s) now and hereby assign, sell and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters patent, which has been executed by the undersigned concurrently herewith, and is entitled:

POWER-BASED MATERIAL SYSTEM WITH STABLE POROSITY

Assignor(s) above acknowledgment or assignment also includes all right, title and interest in and to said application and all applications claiming priority to said application, including, without limitation, 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 said inventions; 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 said inventions;

Assignor(s) agree that Assignee may apply for and receive Letters Patent for said inventions in its own name or that of its designee;

Assignor(s) agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor(s) will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions, and all applications for patents and all patents on inventions in said Assignee;

Assignor(s) covenant with Assignee 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.

Gary B. Merrill, 1/3/2012
GARY B. MERRILL DATE

Cora Schillig, 12/27/2011
CORA SCHILLIG DATE

John P. Musone, 3 January 2012
JOHN P. MUSONE DATE
Assistant Secretary, Siemens Energy, Inc.