

07-26-2006



EET

Atty Docket No. 2005P13266US01

To the Director of the U.S. Patent

103281051

ed documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Jay E. Lane  
Jay A. Morrison  
Steven C. Butner  
Andrew Szweda

Execution Date(s) July 19, 2006 (Lane, Butner, Szweda);  
July 20, 2006 (Morrison)

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Siemens Power Generation, Inc.

Internal Address: \_\_\_\_\_

Street Address: 4400 Alafaya Trail

City: Orlando

State: FL

Country: U.S.A. Zip: 32826

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

TO BE ASSIGNED

07/25/2006 DBYRNE 00000284 192179 11489855

01 FC:8/21

(40.00 DA)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Elsa Keller

Internal Address: Siemens Corporation

Intellectual Property Department

Street Address: \_\_\_\_\_

170 Wood Avenue South

City: Iselin

State: NJ Zip: 08830

Phone Number : 732-321-3026

Fax Number: 732-321-3014

Email Address: elsa.keller@siemens.com

6. Total number of applications and patents involved: ONE

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 19-2179

Authorized User Name John P. Musone

9. Signature :

Signature

July 20, 2006

Date

John P. Musone

Total number of pages including cover sheet, attachments, and documents

6

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 3065995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 223131450

PATENT  
REEL: 018117 FRAME: 0304

## ASSIGNMENT

For good and valuable consideration, I, **JAY E. LANE**, residing at **1051 Lake Harney Woods Blvd., Mims, FL 32754**, a citizen of the United States; **JAY A. MORRISON**, residing at **2413 Ekana Dr., Oviedo, FL 32765**, a citizen of the United States; **STEVEN C. BUTNER**, residing at **687 Bird Ct., San Marcos, CA 92069**, a citizen of the United States; **ANDREW SZWEDA**, residing at **17129 Russet St., San Diego, CA 92127**, a citizen of the United States; hereinafter referred to as Assignors, hereby sell, assign and transfer to **SIEMENS POWER GENERATION, 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, 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:

### **CMC WITH MULTIPLE MATRIX PHASES SEPARATED BY DIFFUSION BARRIER**

in and to said application 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 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;

Assignors agree that Assignee may apply for and receive Letters Patent for said inventions in its own name;

Assignors agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignors 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 mainlining 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;

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.

  
\_\_\_\_\_  
JAY E. LANE

STATE OF FLORIDA  
COUNTY OF ORANGE /

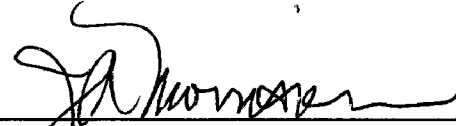
On this 19<sup>th</sup> day of July, 2006, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared JAY E. LANE, to me personally known as, or proved to me on the basis of satisfactory evidence to be, the individual who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

WITNESS my hand and official seal.



  
\_\_\_\_\_  
Notary Public

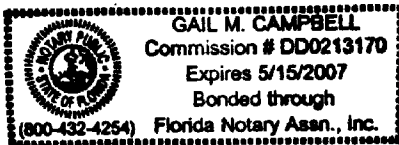
My commission expires: 5/15/2007

  
\_\_\_\_\_  
JAY A. MORRISON

STATE OF FLORIDA  
COUNTY OF ORANGE /

On this 20<sup>th</sup> day of July, 2006, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared JAY A. MORRISON, to me personally known as, or proved to me on the basis of satisfactory evidence to be, the individual who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.


WITNESS my hand and official seal.



  
\_\_\_\_\_  
Notary Public

My commission expires: 5/15/2007

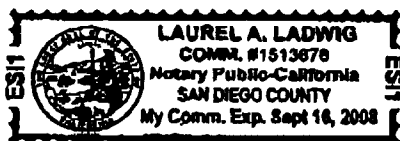


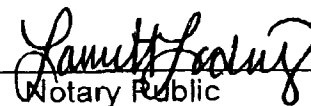
  
\_\_\_\_\_  
STEVEN C. BUTNER

STATE OF CALIFORNIA  
COUNTY OF San Diego /

On this 19<sup>th</sup> day of July, 2006, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared STEVEN C. BUTNER, to me personally known as, or proved to me on the basis of satisfactory evidence to be, the individual who executed the foregoing instrument and who acknowledged to me that he/~~she~~ executed the same of his/~~her~~ own free will for the purposes therein set forth.

WITNESS my hand and official seal.



  
\_\_\_\_\_  
Notary Public

My commission expires: Sept 16, 2008

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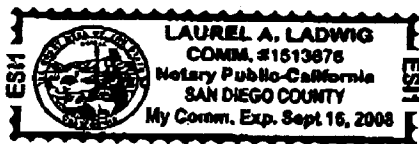
2005P13266US01

Andrew Szweda  
ANDREW SZWEDA

STATE OF CALIFORNIA  
COUNTY OF San Diego /

On this 19th day of July, 2006, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared ANDREW SZWEDA, to me personally known as, or proved to me on the basis of satisfactory evidence to be, the individual who executed the foregoing instrument and who acknowledged to me that he/~~she~~ executed the same of his/~~her~~ own free will for the purposes therein set forth.

WITNESS my hand and official seal.



Laurel A. Ladwig  
Notary Public

My commission expires: Sept 16, 2008

PATENT

RECORDED: 07/20/2006

REEL: 018117 FRAME: 0309