12/2/5



EET

To the Director of the U.S. Patents

103138260

Atty Docket No. 2005P12935US

d documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
George Liang	Name: Siemens Westinghouse Power Corporation
	Internal Address:
Execution Date(s) July 20, 2005 Additional name of conveying party(ies) attached? ☐ Yes ☒ No	0,4
3. Nature of conveyance:	Street Address: 4400 Alafaya Trail
☐ Security Agreement ☐ Change of Name	City: Orlando
Government Interest Assignment	State: FL
☐ Executive Order 9424, Confirmatory License	Country: U.S.A. Zip: 32826
☐ Other	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.
	B. Patent No.(s)
A. Patent Application No.(s)	
A. Patent Application No.(s)	
A. Patent Application No.(s) TO BE ASSIGNED	
TO BE ASSIGNED	tached2 □ Vee M No
TO BE ASSIGNED Additional numbers att	ached? Yes No
TO BE ASSIGNED Additional numbers att 5. Name and address of party to whom correspondence	
TO BE ASSIGNED Additional numbers att	
TO BE ASSIGNED Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: ONE
TO BE ASSIGNED Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Elsa Keller	6. Total number of applications and patents involved: ONE 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
TO BE ASSIGNED Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Elsa Keller Internal Address: Siemens Corporation	Total number of applications and patents involved: ONE Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card
TO BE ASSIGNED Additional numbers att 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	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
TO BE ASSIGNED Additional numbers att 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:	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)
TO BE ASSIGNED Additional numbers att 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:	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
TO BE ASSIGNED Additional numbers att 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:	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
TO BE ASSIGNED Additional numbers att 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	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
Additional numbers att 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:	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 Erik C. Swanson
Additional numbers att 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	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
Additional numbers att 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	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 Erik C. Swanson

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 3065995, or mailed to:

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

ASSIGNMENT

For good and valuable consideration, I, GEORGE LIANG, residing at 1431 SW Eagle Nest Way, Palm City, Florida, 34990, a citizen of the United States, hereinafter referred to as Assignor, hereby sell, assign and transfer to SIEMENS WESTINGHOUSE POWER CORPORATION, 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:

TURBINE AIRFOIL WITH OUTER WALL COOLING SYSTEM AND INNER MID-CHORD HOT GAS RECEIVING CAVITY

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;

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

Assignor agrees that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor 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;

{WP247543;1}

PATENT REEL: 017346 FRAME: 0581 Assignor covenants 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.

GEORGE LIANG

STATE OF FLORIDA COUNTY OF PALM BENCH!

On this _________, day of _________, 2005, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared GEORGE LIANG, 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:

VICKY L MILLER
Notary Public - State of Fioria::
MyCommission Expires Jun 14, 2008
Commission # DD328649
Bonded By National Notary Assn.

{WP247543;1}

PATENT REEL: 017346 FRAME: 0582