

12-01-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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103128356

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)

Hua Xia  
Kung-Li Justin Deng  
Kevin Thomas McCarthy  
Avinash Vinayak TawareAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/15/05, 11/16/05, 11/14/05, 11/11/05 respectively

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

## 2. Name and address of receiving party(ies)

Name: General Electric Company

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

Street Address: 1 River Road

City: Schenectady

State: NY

Country: US Zip: 12345

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: John S. Beulick

Internal Address: Armstrong Teasdale LLP

Suite 2600

Street Address: One Metropolitan Square

City: St. Louis

State: MO Zip: 63102

Phone Number: 314-621-5070

Fax Number: 314-621-5065

Email Address: \_\_\_\_\_

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 1.21(h) &amp; 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 01-2384

Authorized User Name Armstrong Teasdale LLP

## 9. Signature:

November 22, 2005

Date

11/30/2005 DBYRNE

00000127 012384

11284595

Signature

Robert B. Reeser III, Reg. No. 45,548

Name of Person Signing

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

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 017274 FRAME: 0720

**ASSIGNMENT**

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Hua Xia	of	129 Halfmoon Drive, Altamont, NY 12009
Kung Li Deng	of	99C Overlook Pass, Twin Lakes Apartment, Clifton Park, NY 12065
Kevin Thomas McCarthy	of	6 Northstar Drive, Troy, NY 12180
Avinash Vinayak Taware	of	1187 Hillside Avenue, #2B16, Niskayuna, NY 12309

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**METHOD, SYSTEM AND MODULE FOR MONITORING A POWER GENERATING SYSTEM**

☒ executed concurrently herewith,

☐ filed on          having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature: Hua Xia  
Hua XiaDate: 11-15-2005Witnessed by: Richard Gawarecki  
SignatureDate: 11-15-2005Richard Gawarecki  
Printed Name of WitnessWitnessed by: Richard Alfred Berypre  
SignatureDate: 15 Nov 05Richard Alfred Berypre  
Printed Name of Witness**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**\_\_\_\_\_  
Hua Xia Date: \_\_\_\_\_STATE OF  
COUNTY OF

SS.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Hua Xia, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature

Kung-Li Justin Deng

Date:

Nov. 16. 05

Witnessed by:

Signature

Date:

11/16/05Joe Iannotti

Printed Name of Witness

Witnessed by:

Signature

Date:

11/16/05DANIEL LEWIS

Printed Name of Witness

---

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---

Date:

Kung-Li Justin Deng

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Kung-Li Justin Deng**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature: Kevin Thomas McCarthy  
Kevin Thomas McCarthy

Date: 11/14/05

Witnessed by: Michael J. Krok  
Signature  
MICHAEL J. KROK  
Printed Name of Witness

Date: 11/14/05

Witnessed by: Hunt A. Sutherland  
Signature  
HUNT A. SUTHERLAND  
Printed Name of Witness

Date: 11/14/05

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\_\_\_\_\_  
Kevin Thomas McCarthy

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Kevin Thomas McCarthy**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 4

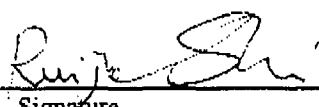
Signature:   
Avinash Vinayak Taware

Date: 11/11/05

Witnessed by:   
Signature

Date: 11/11/05

BERNARDO A MUNKICHOFF  
Printed Name of Witness

Witnessed by:   
Signature

Date: 11/11/05

Ruijie Shi  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Avinash Vinayak Taware

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Avinash Vinayak Taware, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)