

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Pei Zhang	04/24/2008
Liang Min	04/24/2008
Jian Chen	04/29/2008
RECEIVING PARTY DATA	
Name:	Electric Power Research Institute, Inc.
Street Address:	1300 West W.T. Harris Blvd.
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28269
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12131997
CORRESPONDENCE DATA	
Fax Number:	(704)599-8719
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	704-599-8911
Email:	BCT@THL-IPLAW.COM
Correspondent Name:	TREGO, HINES & LADENHEIM, PLLC
Address Line 1:	9300 HARRIS CORNERS PARKWAY
Address Line 2:	SUITE 210
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28269-3797
ATTORNEY DOCKET NUMBER:	1036/40US
NAME OF SUBMITTER:	Brandon C. Trego
<p>Total Attachments: 4</p> <p>source=1036-40us-asn#page1.tif</p>	

OP \$40.00 12131997

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**PATENT**  
**REEL: 021033 FRAME: 0100**

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ASSIGNMENT

For good and valuable consideration of which we acknowledge receipt, I/we:

(name)	(residence)
Pei Zhang	Campbell, CA
Liang Min	Santa Clara, CA
Jian Chen	Palo Alto, CA

hereby sell and assign to:

Electric Power Research Institute, Inc.

(hereinafter referred to as "Assignee"), its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the following United States Patent Application:

Serial No. (if known):

Filing Date (if known):

Title: **MEASUREMENT-BASED VOLTAGE STABILITY MONITORING FOR LOAD CENTER**

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.

WITNESS MY hand and seal this 24 day of April, 2008.

Pei Zhang

Pei Zhang

NOTARY ACKNOWLEDGMENT

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

I, (SEE ATTACHED), a Notary Public for said County and State do hereby  
certify that \_\_\_\_\_ appeared before me personally and signed the  
aforementioned Assignment.

This the \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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

My Commission Expires \_\_\_\_\_

SEAL

WITNESS MY hand and seal this 24<sup>th</sup> day of April, 2008.

Liang Min

NOTARY ACKNOWLEDGMENT

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

I, (SEE ATTACHED), a Notary Public for said County and State do hereby  
certify that \_\_\_\_\_ appeared before me personally and signed the  
aforementioned Assignment.

This the \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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

My Commission Expires \_\_\_\_\_

SEAL

WITNESS MY hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Jian Chen

NOTARY ACKNOWLEDGMENT

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_, a Notary Public for said County and State do hereby  
certify that \_\_\_\_\_ appeared before me personally and signed the  
aforementioned Assignment.

This the \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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

My Commission Expires \_\_\_\_\_

SEAL

WITNESS MY hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Liang Min

NOTARY ACKNOWLEDGMENT

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_, a Notary Public for said County and State do hereby  
certify that \_\_\_\_\_ appeared before me personally and signed the  
aforementioned Assignment.

This the \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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

My Commission Expires \_\_\_\_\_

SEAL

WITNESS MY hand and seal this 29 day of April, 2008.

Jian Chen  
Jian Chen

NOTARY ACKNOWLEDGMENT

STATE OF Texas

COUNTY OF Williamson

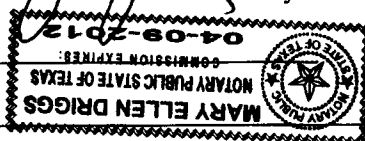
I, Mary Ellen Driggs, a Notary Public for said County and State do hereby  
certify that Jian Chen appeared before me personally and signed the  
aforementioned Assignment.

This the 29 day of April, 2008.

M E Driggs  
Notary Public

My Commission Expires \_\_\_\_\_

SEAL



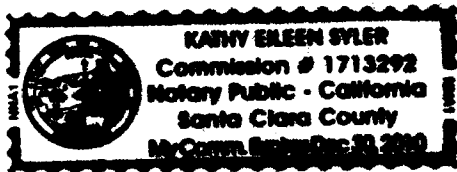
# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 4/24/08 before me, KATHY EILEEN SYLER  
Date Here Insert Name and Title of the Officer

personally appeared PEI ZHANG & LIANG MIN  
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Kathy Eileen Syler  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: 4/24/08 Number of Pages: 2

Signer(s) Other Than Named Above: \_\_\_\_\_

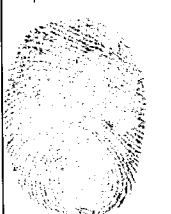
### Capacity(ies) Claimed by Signer(s)

Signer's Name: PEI ZHANG & LIANG MIN

- ☒ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here



Signer's Name: LIANG MIN

- ☒ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

