PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kai Sun	11/08/2010
Kyeon Hur	11/10/2010
Pei Zhang	11/08/2010

RECEIVING PARTY DATA

Name:	Electric Power Research Institute, Inc.
Street Address:	1300 West W.T. Harris Boulevard
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28262

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12948188

CORRESPONDENCE DATA

Fax Number: (704)599-8719

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7045998911
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

ATTORNEY DOCKET NUMBER:	1036/145US
NAME OF SUBMITTER:	Brandon C. Trego

Total Attachments: 6

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PATENT REEL: 025368 FRAME: 0349 DP \$40.00 1294818

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PATENT REEL: 025368 FRAME: 0350 emera er alla caera a a.

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

name) (residence)

Kai SunPalo Alto, CaliforniaKyeon HurPalo Alto, CaliforniaPei ZhangPalo Alto, California

hereby sell and assign to:

Electric Power Research Insitute, Inc. 1300 West W.T. Harris Boulevard, Charlotte, North Carolina 28262 US

(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: APPLICATION OF PHASOR MEASUREMENT UNITS (PMU) FOR CONTROLLED SYSTEM SEPARATION

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 8 day of Nov., 2010.
Kai Sun NOTARY ACKNOWLEDGMENT
STATE OF COUNTY OF STATE OF COUNTY OF
COUNTY OF
I,a Notary Public for said County and State do hereby
certify thatappeared before me personally and signed the
aforementioned Assignment.
This theday of, 2010.
Notary Public
My Commission Expires SEAL

Page 1

Certificate of Acknowledgment

State of California) County of Santa Clara)		
On November 8, 2010 before me, York Kai Sun	Huang	, personally appeared
, who proved to me on the basis of satisfactory e is/are subscribed to the within instrument and acknow same in his/her/their authorized capacity(ies), and instrument the person(s), or the entity upon behalf construment.	dedged to me that by his/	that he/she/they executed the her/their signature(s) on the
I certify under PENALTY OF PERJURY under the foregoing paragraph is true and correct.	e laws of the	State of California that the
WITNESS my hand and official seal.		
Signature # Signature	(Seal)	YORK HUANG COMM. # 1858665 U NOTARY PUBLIC CALIFORNIA SANTA CLARA COUNTY MY COMM. EXP. JULY 31, 2013 T
DESCRIPTION OF ATTACHED DOCUMENT		
Assignment (patent) TITLE OR TYPE OF DOCUMENT		

PATENT REEL: 025368 FRAME: 0352

WITNESS MY hand and seal this	day of, 2010.
Ken Hn	
Kyeon Hur	NOTARY ACKNOWLEDGMENT
STATE OF	
COUNTY OF	
I,	, a Notary Public for said County and State do hereby
certify that	appeared before me personally and agned the
aforementioned Assignment.	
This the day of	, 2010.
	Notary Public
My Commission Expires	
SEAL	
WITNESS MY hand and seal this	day of, 2010.
Pei Zhang	NOTARY ACKNOWLEDGMENT
STATE OF	
COUNTY OF	
I.	, a Notary Public for said County and State do hereby
	appeared before me personally and signed the
aforementioned Assignment.	
This the day of	, 2010.
	Notary Public
My Commission Expires	
SEAL	

등부 2010년 쟤 4541 호

인 증

위 공동발명자 특허출원업무에 대한 대리 위임장 에 기재된 허 견 은 본 공증인의 면전에서 위 사서중서에 위 본인이 서명한 것임을 자인하였다.

2010년 11월 10일 이 사무소에서 위 인증한다.

공증인가 법무법인 신 촌

서울서부지방검찰청소속 서울 마포구 노고산동 57-12 태영빌딩3층 Registered No. 2010 - 4541

Notarial Certificate

HUR Kyeon

personally appeared before me and admitted his (her) subscription to the attached

POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS INDICATON FORM

This is hereby attested on this 10th day of November 2010 at this office

SIN CHON LAWFIRM & NOTARY OFFICE

Belong to Seoul Western District Prosecutors' Office 3rd Floor, Tae Young B/D, 57-12, Nogosan-Dong,Mapo-Gu,Seoul, Korea

orney-at-Law SONG JAE WON

This office has been authorized by the Minister of Justice, the Republic of Korea, to act as Notary Public since 13th Jun., 2003 under Law No. 6207

23230-04711일 90.11.26승인 법무법인 신 촌

210mm×297mm (인쇄용지(특급) 70g/m²)

WITNESS MY hand and seal this	day of	, 2010.
Kyeon Hur	NOTARY ACKNO	VLEDGMENT
STATE OF		
COUNTY OF		
l,		, 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		, 2010.
	Notary P	ublic
My Commission Expires		
SEAL		
WITNESS MY hand and seal this 8	day of	<u>m b€~</u> , 2010.
Pei Zhang STATE OF Cab fornite	NOTARY ACKNOW	NLEDGMENT see attached California Acknowledgment form. 44
COUNTY OF		
		a Notary Public for said County and State do hereby
I,certify that		appeared before me personally and signed the
•		appeared before the personally and signed the
aforementioned Assignment.		
This the day of		, 2010.
	Notary P	ublic
My Compaission Expires		
8EAL		

Certificate of Acknowledgment

On November 8, 20/0 before me, York Huang , personally appeared Pei Zhang , 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
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/arc 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 (Seal) YORK HUANG COMM. # 1858685 NOTARY PUBLIC-CALIFORNIA NY COMM. EXP. JULY 31, 2013
DESCRIPTION OF ATTACHED DOCUMENT
Assignment (patent) TITLE OR TYPE OF DOCUMENT

RECORDED: 11/17/2010

PATENT REEL: 025368 FRAME: 0356