PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3015171

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YILU LIU	08/18/2014
WENXUAN YAO	08/21/2014
LINGWEI ZHAN	08/18/2014
WEI GAO	09/04/2014
HAOYANG LU	08/18/2014

RECEIVING PARTY DATA

Name:	UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION	
Street Address:	UT CONFERENCE CENTER	
Internal Address:	600 HENLEY STREET, SUITE 211	
City:	KNOXVILLE	
State/Country:	TENNESSEE	
Postal Code:	37996	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14340120

CORRESPONDENCE DATA

Fax Number: (202)220-4201

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-220-4200 Email: jhan@kenyon.com

KENYON & KENYON LLP Correspondent Name: 1500 K STREET N.W. Address Line 1:

Address Line 2: SUITE 700

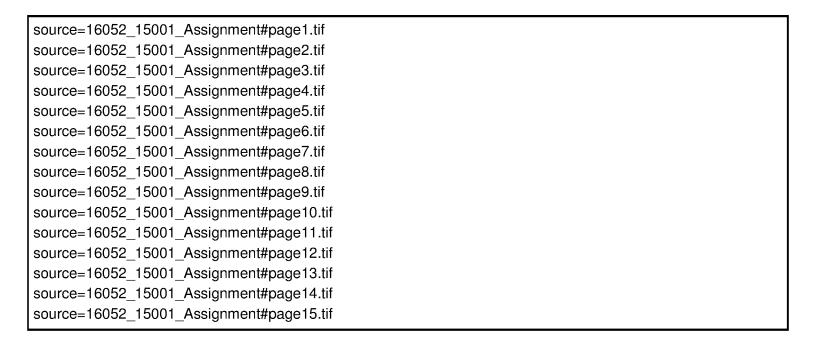
Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	16052/15001
NAME OF SUBMITTER:	JENEY HAN
SIGNATURE:	/Jeney Han/
DATE SIGNED:	09/09/2014

Total Attachments: 15

REEL: 033702 FRAME: 0303

PATENT



PATENT REEL: 033702 FRAME: 0304

ASSIGNMENT

WHEREAS, I/WE,

Yilu Liu, residing at 7231 Coloridge Drive, Knoxville, TN 37919, US,

Wenxuan Yao, residing at 410 Sutters Mill Lane, Knoxville, TN 37909, US,

Lingwei Zhan, residing at 1525 Coleman Rd., Knoxville, TN 37909, US,

Wei Gao, residing at 2609 Oleander Way, Knoxville, TN 37931, US, and

Haoyang Lu, residing at 1160 Kenesaw Ave., Knoxville, TN 37919, US,

have made one or more new and useful inventions and/or discoveries as described and/or claimed in a United States patent application, entitled MOBILE ELECTRIC FIELD SENSOR BASED PHASOR MEASUREMENT UNIT FOR MONITORING AN ELECTRIC POWER GRID, filed as application number 14/340,120, on July 24, 2014 (hereinafter referred to as "the Application");

WHEREAS, UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, having a principal place of business at UT Conference Center, Suite 211, 600 Henley Street, Knoxville, TN, 37996, US (hereinafter referred to as "the Assignee"), is desirous of acquiring the title, rights, interests, benefits and privileges herein recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to me/us, the receipt and sufficiency of which is hereby acknowledged, I/we hereby, without reservations:

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to the Applications, any and all inventions and discoveries therein described and/or claimed, and any and all Letters Patent that may be issued upon the Applications, or for the inventions or discoveries therein contained, or upon any application based upon or claiming priority to the Applications, in any and all countries, including all non-provisional, divisional, continuation, renewal, substitute, reissue, reexamination, international (including under the Patent Cooperation Treaty) and Convention applications, and any and all reissues and extensions of Letters Patent granted based upon the Applications, for said inventions and discoveries, or upon any application based upon or claiming priority to the Applications, said inventions and discoveries, or any application based upon or claiming priority to the Applications.
- Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable.
- 3. Authorize and request the Commissioner for Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to

Page 1 of 3

Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may

- 4. Warrant that I/we have not knowingly conveyed to others any right, title or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make. use, or sell anything embodying or utilizing any of said inventions or discoveries; that I/we have good right to assign the same to Assignee without encumbrance; and that I/we are aware of no claim to the contrary.
- 5. Bind my/our heirs, legal representatives, and assigns, as well as myself/ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives, or assigns which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify, upon Assignee's request, to the same in any interference, arbitration, litigation or other proceeding pertaining to the said inventions and discoveries, the said patent applications, and/or the said Letters Patent.

Yilu Liu Yilu Liu
e hereunto set my hand and seal this day of
Wenxuan Yao
e hereunto set my hand and seal this day of
/

Page 2 of 3

REEL: 033702 FRAME: 0306

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of
Wei Gao
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of, 2014

Haoyang Lu

Docket No. 16052.15001

UTRF Ref.: PD14142-03

Page 3 of 3

PATENT REEL: 033702 FRAME: 0307

ASSIGNMENT

WHEREAS, I/WE,

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- 3. Authorize and request the Commissioner for Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to

Docket No. 16052.15001

Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

- 4. Warrant that I/we have not knowingly conveyed to others any right, title or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I/we have good right to assign the same to Assignee without encumbrance; and that I/we are aware of no claim to the contrary.
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IN TESTIMONY V	WHEREOF, I have hereunto set my l	nand and seal this day of
요즘 경우 그 왕이 그들어요. 일본 경우 교육 경우 그 교육 기		
	Yilu Liu	
IN TESTIMONY V	VHEREOF, I have hereunto set my l	nand and seal this <u>\leq \leq \</u> day of
	Wenxuan Yao	m tao
IN TESTIMONY V , 2014	VHEREOF, I have hereunto set my l	and and seal this day of

Lingwei Zhan

PATENT

REEL: 033702 FRAME: 0309

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day o, 2014
Wei Gao
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day, 2014
Haoyang Lu

ASSIGNMENT

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Yilu Liu, residing at 7231 Coloridge Drive, Knoxville, TN 37919, US,

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Page 1 of 3

Docket No. 16052.15001

UTRF Ref.: PD14142-03

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	IN TESTIMONY , 2014	WHEREOF, I ha	ve hereunto set i	ny hand and sea	I this	day of
	, 2017					
			Yilu Liu			
	, 2014	WHEREOF, I ha	vo nerodnico soci	ity halle and sou	4 11110	day of
			Wenxuan Ya	D		
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Page 2 of 3

Millia	IN TESTIMONY WI	HERÊOF, I have hereunto set	my hand and seal this	day of
		Wei Gao		
	IN TESTIMONY WI	HEREOF, I have hereunto set	my hand and seal this	day of
		Hanyang Lu		

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	Yilu Liu
IN TESTIMONY WHEREOF, I ha	ve hereunto set my hand and seal this day of
	Wenxuan Yao
IN TESTIMONY WHEREOF, I have, 2014	ve hereunto set my hand and seal this day of
	Lingwei Zhan

Page 2 of 3

IN TESTIMONY W	HEREOF, I have hereunto s	set my hand and seal this _	4^{th} day of
	Wei Gao		
DI TERRETA CON INVINI			
	HEREOF, I have hereunto s	et my hand and seal this	day of
	Haoyang I	Л	

Docket No. 16052.15001

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day of	IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this, 2014
	Yilu Liu
day of	IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this, 2014
	Wenxuan Yao
day of	IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this, 2014
	Lingwei Zhan

Page 2 of 3

IN TESTIMONY V	WHEREOF, I have hereunto set my har	d and seal this day of
,		
	Wei Gao	
IN TESTIMONY (August, 2014	WHEREOF, I have hereunto set my har	nd and seal this <u>18</u> day of
	Haoyang Lu	

Page 3 of 3

PATENT REEL: 033702 FRAME: 0319