504278013 03/17/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIMING M ZHANG	12/20/2016
YUE ZHOU	12/21/2016
QING WANG	03/16/2017
QLLI	12/22/2016

RECEIVING PARTY DATA

Name:	THE PENN STATE RESEARCH FOUNDATION	
Street Address:	304 OLD MAIN	
City:	UNIVERSITY PARK	
State/Country:	PENNSYLVANIA	
Postal Code:	16802	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15374308	

CORRESPONDENCE DATA

Fax Number: (248)647-5210

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: 248-647-6000

Email: Tara.Mckeon@Dinsmore.com **Correspondent Name:** DINSMORE & SHOHL, LLP

900 WILSHIRE DRIVE, SUITE 300 Address Line 1:

Address Line 4: TROY, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	PSU 2015-4397
NAME OF SUBMITTER:	DOUGLAS L. WATHEN
SIGNATURE:	/Douglas L. Wathen/
DATE SIGNED:	03/17/2017

Total Attachments: 4

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PATENT REEL: 041621 FRAME: 0378

ASSIGNMENT

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), I, QIMING M. ZHANG, YUE ZHOU, QING WANG and QI LI, hereby sell, assign and transfer unto the University's designee, THE PENN STATE RESEARCH FOUNDATION, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

"ENERGY HARVESTING DEVICE USING ELECTROACTIVE POLYMER NANOCOMPOSITES"

signed by us on the date set forth below; and in and to any and all continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding international and foreign applications for Letters Patent and any foreign patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and on behalf of assignee's successors, assigns and legal representative.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

are free and clear of any encumbrance, and that we have full ri	ght to convey the same as herein expressed.
2	Dragono ho
Signed at University Park, Pennsylvania, this // day of	DCCOMDE 1_, 2016.
Witness: Will Witness:	Signed: Dec 25 cold
STATE OF PENNSYLVANIA :	•
; ss:	
COUNTY OF CENTRE :	
	, 2016, before me, a Notary Public in and for the county and
State aforesaid, appeared <u>QIMING M. ZHANG</u> , to me p	ersonally known to be the person whose name is subscribed to
the foregoing instrument, and acknowledged that he executed s	aid instrument as his free and voluntary act for the uses and
purposes therein expressed.	
Witness my hand and seal the day and year last above	given.
Notary P	ublic (SEA)

[Page 1 of 3 – Signatures Continued on Page 2]

NOTARIAL SEAL
Heide A Port
NOTARY PUBLIC
State College Boro, Centre County
My Commission Expires 09/04/2017

PATENT

REEL: 041621 FRAME: 0379

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Signed for University Prop. Jenney Joylea, this Limit	toy of <u>MCLana QE2</u> 2016.
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	Signed: Salf 1
	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
STATE OF PENNSYLVANIA	
COUNTY OF CENTRE	
On this 21 day of DEUMOL	, 2016, before me, a Notary Public in and for the county and
State aforesaid, appeared YEE ZEO: to me perso	naily known to be the person whose pame is subscribed as the
foregoing instrument, and acknowledged that he executed purposes therein expressed.	asid instrument as his tage and yournary per for the uses and
Witness my hand and seal the day and year last o	ixoyle glives \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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	ONG WANG
TATE OF PENNSYLVANIA	
OUNTY OF CENTRE	
On the law of	2016 Selver our a Newton Dublic to and the she amount in
tate aforesaid appeared <u>QING WANG</u> to me person	
well-will interminent our accidentalists that its contribut	said instrument as his free and voluntary act for the uses and
Wipento therein expressed	
Witness my hand and seal the day and year last ab	
되면 캠프로시즌 그 중에게 함께서 그래	
	y Pablic

[Page 3 of 3 – Assignment Signatures Continued]

Signed at University Park, Pennsyl	vania, this <u>22</u> day	y of <u>Jecember</u>	, 2016.	
Witness: Qing Wang	15	Signed: QI LI	- \	
STATE OF PENNSYLVANIA	:			
COLNITY OF CENTER	: ss:			
COUNTY OF CENTRE	,			
On this 22 day of	December	, 2016, before me, a N	otary Public in and for the count	y and
State aforesaid, appeared <u>QI LI</u> instrument, and acknowledged that	_, to me personally know	wn to be the person whose	name is subscribed to the forego	ing therei
expressed.	ne executed said instrui	Helk as his nee and volum	any act for mic uses and purposes	
Witness my hand and seal	the day and year last ab	oove given.		
	Notai	ry Public		

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[Page 2 of 3 - Assignment Signatures Continued]

Signed at University Park, Pennsylvania, this	day of		, 2016.
•			
Witness:	Si	gned:	
		gned: YUE ZHOU	-
STATE OF PENNSYLVANIA			
	ss:		
COUNTY OF CENTRE			
On this day of	to me personally kn he executed said ins	016, before me, a Notary Pu lown to be the person whose strument as his free and volu	blic in and for the county as name is subscribed to the ntary act for the uses and
Witness my hand and seal the day ar	id year last above gi	ven.	
*	Notary Publ	lic	
		•	
Signed at University Park, Pennsylvania, this Witness:	day of Sig	gned: QING WANG	_,2016. 2017
STATE OF PENNSYLVANIA :			
	SS:		
COUNTY OF CENTRE :	2	-017	
On this day of day of State aforesaid, appeared OING WANG foregoing instrument, and acknowledged that purposes therein expressed.	to me personally kn	016 , before me, a Notary Pulown to be the person whose	name is subscribed to the
Witness my hand and seal the day an	d year last above giv	ven.	
	Notary Publ	notine 2	Loone
	NOTAR Christine L. Boo Benner Twp., My Commission E	OF PENNSYLVANIA ITAL SEAL ITAL	

[Page 2 of 3 – Signatures Continued on Page 3]

RECORDED: 03/17/2017