504008065 09/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XINFAN LIN	11/26/2014
ANNA G. STEFANOPOULOU	03/06/2015
YI DING	12/03/2014
MATTHEW P. CASTANIER	12/03/2014

RECEIVING PARTY DATA

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State/Country:	MICHIGAN
Postal Code:	48109-2590
Name:	UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY
	OF THE ARMY, WASHINGTON, DC
Street Address:	OF THE ARMY, WASHINGTON, DC 101 ARMY PENTAGON
Street Address: Internal Address:	· · · · · · · · · · · · · · · · · · ·
	101 ARMY PENTAGON
Internal Address:	101 ARMY PENTAGON JOHN M. MCHUGH- SECRETARY OF THE ARMY

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14403057	

CORRESPONDENCE DATA

Fax Number: (248)689-4071

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.

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

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PATENT 504008065 REEL: 039761 FRAME: 0219

ATTORNEY DOCKET NUMBER:	7935-3061-4	
NAME OF SUBMITTER:	PAULA TACK	
SIGNATURE:	/paula tack/	
DATE SIGNED: 09/15/2016		
Total Attachments: 3 source=Assignment-all-signed#page1.tif		

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> PATENT REEL: 039761 FRAME: 0220

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Xinfan Lin Full Name of Assignar 831	, residing at	1205 Cornell	Rd., Apt. 12, Ypsilanti, MI	48197
Anna G. Stefanopoulou		412 Fountair	St. Ann Arbor, MI 48103	
[Full Name of Assignor 83]	, residing at		(Resulence Address)	
fivil Name of Assignor 84[, residing at		[Residence Address]	
do hereby assign, sell and	set over to:			
THE			Y OF MICHIGAN	, located at
Office of Technology	ogy Transfer, 1600 I	egal Name nj Assignee) Huron Parkwi eignee's Address)	ву, 2nd Floor, Ann Arbor, М	I 48109-2590
(hereinafter referred to as and interest, domestic an United States Letters pate	Assignee), its succe d foreign, in and to	essors, assign	s or other legal representations and discoveries set for	ves, the entire right, title th in the application for
ESTIMATING	CORE TEMPERAT	URES OF BA	TTERY CELLS IN A BATT	ERY PACK
including, but not limited	to, the entire right,	title and inter	est in the following patent a	application(s):
Application No.	14/403,057	, filed	November 21, 2014	_>̈́
Application No	CT/US2013/04249	6, filed	May 23, 2013	→
Application No	61/650,760	, filed	May 23, 2012	2
including original, continuand discoveries in the Unsell and set over to said A and to said inventions and Serial Number and Fifing. The undersigned here the rights being granted happlications for Letters P which said Assignee, its thereto the rights herein a	uation, and division ited States and in a assignee, its success I discoveries in all or Date of any such peby represent and werein. Further, the atent of any and all a successors, assigned, sold and sessigned, sold and sessigned.	nal application y and all for sors, assigns of countries. The atent applicate varrant that no undersigned le kinds and in us or other le	s or other legal representations, and to receive Letters Freign countries. And the unor other legal representative e Assignee and its agents at a dion(s) in the spaces provide orights have been granted thereby agree to execute any any and all countries and to agal representatives may described.	dersigned hereby assign, is, all rights of priority in the authorized to insert the dabove. That are inconsistent with and all papers, including a perform any and all acts eem necessary to secure
Date: _ / 26 / 2/	<u> </u>			and the second s
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		DOCUMENTAL DE LA COMPANSION DE LA COMPAN	Anna G. Stetan	opauleu
		»,		

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ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Xinfan Lin	, residing at <u>37</u>	60 Greenb	riar Blvd., Apt. 348B, Ann Arbo	i, MI 48105
Anna G. Stefanopoulou	, residing at 41	2 Fountain		
(Full Name of Axsignor 82)			[Keridence Address]	
Full Name of Assignor (3)	, residing at	***************************************	(Residence Address)	
[Pull Rome of Assigner 34]	, residing at			
			(Residence Address)	
do hereby assign, sell and set	over to:			
THE RE	GENTS OF THE UI	NIVERSITY (inne of Assignoe)	OF MICHIGAN	, located at
Office of Technology		on Parkwa s ddress/	y, 2nd Floor, Ann Arbor, MI 48	109-2590
	oreign, in and to th		or other legal representatives, ns and discoveries set forth in	
ESTIMATING CO		ES OF BA	ITERY CELLS IN A BATTERY	PACK
including, but not limited to, t	the entire right, title	and intere	st in the following patent appli	cation(s):
Application No.	14/403,057	, filed	November 21, 2014 ,	
Application No. PCT	/US2013/042496	, filed	May 23, 2013	
Application No.	61/650,760	, filed	May 23, 2012 ,	
including original, continuation and discoveries in the United sell and set over to said Assigned to said inventions and disserial Number and Fifing Dat. The undersigned hereby the rights being granted herein applications for Letters Patent	on, and divisional a States and in any a gnee, its successors, coveries in all count of any such patent epresent and warran. Further, the under of any and all kincessors, assigns or	applications and all fore assigns or stries. The t application at that no ersigned he ls and in ar	or other legal representatives to s, and to receive Letters Pater ign countries. And the undersiother legal representatives, all Assignee and its agents are auton(s) in the spaces provided aborights have been granted that a reby agree to execute any and my and all countries and to perfeat representatives may deem	t for said inventions gned hereby assign, rights of priority in horized to insert the ove. If inconsistent with all papers, including orn any and all acts
Date:	•••••			
This Farm should be notorized or otherse	ise legalized in the space belon	95	Anne G. Stefanopoulou	y

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Vi Dina	modified at 000 Occasion	Anna Dr. Canton III. 40400	
Yi Ding [Full Name of Assignor #1]	, residing at <u>zuo Queen</u>	Anne Dr., Canton, MI 48187 [Residence Address]	
Matthew P. Castanier	, residing at 222 Kenwoo	od Ave., Ann Arbor, MI 4810	3
[Full Name of Assignor #2]	m 	[Residence Address]	
[Full Name of Assignor 43]	, residing at	[Residence Address]	
	, residing at		
[Full Name of Assignor #4]		[Residence Address]	
do hereby assign, sell and set	over to:		
United States of America	, as represented by the Secr	etary of the Army, Washingto	n, DC , located at
	[Full Legal Name of Assignee] Washington,	-	
	[Assignee's Address]	D.O.	
(hereinafter referred to as As and interest, domestic and fo United States Letters patent,	oreign, in and to the inventi	ns or other legal representative ions and discoveries set forth	es, the entire right, title in the application for
ESTIMATING CO	RE TEMPERATURES OF BA	ATTERY CELLS IN A BATTE	RY PACK
including, but not limited to,	the entire right, title and inter	rest in the following patent ap	plication(s):
Application No.	14/403,057 , filed	November 21, 2014	
Application No. PCT	/US2013/042496, filed	May 23, 2013	
Application No.	61/650,760 , filed	May 23, 2012 .	
including original, continuation and discoveries in the United sell and set over to said Assigned to said inventions and disserial Number and Filing Dather undersigned hereby the rights being granted herei applications for Letters Paten which said Assignee, its substituted the rights herein assigned the rights herein assigned the rights herein assigned the rights herein assigned to the rights herein assigned to the rights herein as a right had right had right herein as a right had right had right had right herein as a right had right h	on, and divisional application of States and in any and all for gnee, its successors, assigns of scoveries in all countries. The te of any such patent applicate represent and warrant that not not be further, the undersigned has of any and all kinds and in accessors, assigns or other leaded, sold and set over.	s or other legal representative ons, and to receive Letters Pareign countries. And the under or other legal representatives, he Assignee and its agents are tion(s) in the spaces provided to rights have been granted the hereby agree to execute any anany and all countries and to pagal representatives may dee	tent for said inventions ersigned hereby assign, all rights of priority in authorized to insert the above. at are inconsistent with all papers, including erform any and all acts in necessary to secure
A NOTHEN PUBLIC THIS	3RD DAY OF		
DECEMBER 2014. E	rase M. Roce		DIANE M. ROSE Notary Public, State of Mi County of Macomb
	1		My Commission Expires Sep. 1 Acting in the County of MA

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RECORDED: 09/15/2016

REEL: 039761 FRAME: 0223