PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ZHENLI ZHANG	05/25/2016
ZHIHONG H. JIN	05/25/2016
PERRY M. WYATT	05/25/2016

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TECHNOLOGY COMPANY
Street Address:	49200 HALYARD DRIVE
City:	PLYMOUTH
State/Country:	MICHIGAN
Postal Code:	48170

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15166060

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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: 281-970-4545

Email: docket@fyiplaw.com, powell@fyiplaw.com, espinosa@fyiplaw.com

Correspondent Name: JOHNSON CONTROLS, INC. C/O FLETCHERYODER

Address Line 1: P.O. BOX 692289

Address Line 4: HOUSTON, TEXAS 77269-2289

ATTORNEY DOCKET NUMBER:	15PS091-US/JOCP0350
NAME OF SUBMITTER: W. ALLEN POWELL	
SIGNATURE: /W. Allen Powell/	
DATE SIGNED:	05/26/2016

Total Attachments: 4

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PATENT 503845491 REEL: 038732 FRAME: 0454

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Johnson Controls Technology Company (the "Assignee"), a corporation of the State of Michigan, having a place of business at 49200 Halyard Drive, Plymouth, Michigan 48170, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "BATTERY SYSTEM TEMPERATURE AND CHARGE ADJUSTMENT SYSTEM AND METHOD," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 75576 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information		
U.S. Provisional Application Serial No. 62/291,085	, filed on <u>February 4, 2016</u>	
U.S. Non-Provisional Application Serial No. <u>15/166,060</u>	, filed on <u>May 26, 2016</u> .	
International Application Serial No.	filed on	

PATENT REEL: 038732 FRAME: 0455

INVENTOR	1:	
Signature:	Zhenli Zhang	Date:
Witnessed by	:Signature	Date:
	Printed Name of Witness	
Witnessed by	:Signature	Date:
	Printed Name of Witness	
SE	CCTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: 05/25/16
STATE OF _	<u>WISCONSIN</u>)) §§. F <u>MILWAUKEE</u>)	
as the maivid	day of May, 2016, before me persolual who executed the foregoing will for the purposes therein set for	onally came the above-named Zhenli Zhang , to me personally known assignment, who acknowledged to me that he executed the same of orth.
	ISAN M. DONAHUE Natary Public State of Wisconsin	Susan M. Donahue, Notary Public, State of Wisconsin My Commission expires: July 21, 2018

PATENT REEL: 038732 FRAME: 0456

INVENTOR	2:	
Signature:	Zhihong H. Jin	Date:
Witnessed by	:Signature	Date:
	Printed Name of Witr	
Witnessed by	:Signature	Date:
	Printed Name of Witr	
		JSE ONLY IF SIGNING IN PRESENCE OF A NOTARY
	Lory Jan	Date:
	in WISCONSIN) N § §. F MILWAUKEE)	
This <u>25</u> ** known as the	day of May, 2016, before me	personally came the above-named Zhihong H. Jin , to me personally foregoing assignment, who acknowledged to me that he executed the therein set forth.
(Seal) Si	SAN M. DONAHUE Notary Public State of Wisconsin	Susan M. Donahue, Notary Public, State of Wisconsin My Commission expires: July 21, 2018

PATENT REEL: 038732 FRAME: 0457

INVENTOR	.3:	
Signature:	Perry M. Wyatt	Date:
XX//4		Deter
wimessed by	y:Signature	Date:
	Printed Name of Witness	
Witnessed by	y:Signature	Date:
	Printed Name of Witness	
	ECTION BELOW IS FOR USE O	NLY IF SIGNING IN PRESENCE OF A NOTARY
Perfy M. W	yan	
known as the	day of May, 2016, before me persone individual who executed the foregoown free will for the purposes thereir	nally came the above-named Perry M. Wyatt , to me personally sing assignment, who acknowledged to me that he executed the a set forth.
(Seal)	SUSAN M. DONAHUE Natary Public State of Wisconsin	Susan M. Donahue, Notary Public, State of Wisconsin My Commission expires: July 21, 2018

PATENT REEL: 038732 FRAME: 0458

RECORDED: 05/26/2016