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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT8053842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHENLI ZHANG	10/03/2017
ZHIHONG H. JIN	10/03/2017
PERRY M. WYATT	10/04/2017

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TECHNOLOGY COMPANY	
Street Address:	eet Address: 5757 NORTH GREEN BAY AVENUE	
City:	MILWAUKEE	
State/Country:	WISCONSIN	
Postal Code:	53209	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17958926

CORRESPONDENCE DATA

Fax Number: (608)283-1709

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

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SHELDON L. WOLFE BOARDMAN & CLARK LLP **Correspondent Name:**

Address Line 1: 1 S. PINCKNEY STREET, STE. 410 Address Line 4: MADISON, WISCONSIN 53703

ATTORNEY DOCKET NUMBER:	57501-2904
NAME OF SUBMITTER:	SHELDON L. WOLFE
SIGNATURE: /sheldon I wolfe/	
DATE SIGNED:	07/12/2023

Total Attachments: 4

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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 5757 North Green Bay Avenue, Milwaukee, Wisconsin 53209, 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 "STATE OF CHARGE DEPENDENT PLATING ESTIMATION AND PREVENTION" 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. <u>62/403</u>	.574 , filed on <u>October 3, 2016</u>	
U.S. Non-Provisional Application Serial No	, filed on	
International Application Serial No	, filed on	

INVENTOR	1:	
Signature:	Zhenli Zhang	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	
Witnessed by:	Signature	Date:
	Printed Name of Witness	
SE	CTION BELOW IS FOR USE ON	LY IF SIGNING IN PRESENCE OF A NOTARY
Zhenli Zhang	n! 1	Date: 10/03/17
	Wisconsin) Milwaukee) ***********************************	
personally kn	lay of <u>October</u> , 2017, become as the individual who executed ame of his own free will for the purp	fore me personally came the above-named Zhenli Zhang , to me d the foregoing assignment, who acknowledged to me that he coses therein set forth.
(Seal)	LINDA P GRUS Notary Public State of Wisconsin	(Notary Public)
M	y commission expires.	July 19, 2019

INVENTOR 2	:	
Signature:	Zhihong H. Jin	Date:
Witnessed by:	Signature	Date:
-	Printed Name of Witness	
Witnessed by:	Signature	Date:
-	Printed Name of Witness	
	e .	ONLY IF SIGNING IN PRESENCE OF A NOTARY
Zhihong H. Jir	ikery Jun	Date:
STATE OF COUNTY OF	Milwaukee) §§.	
me personary	ay of October, 2017, known as the individual who exemple of his own free will for the p	before me personally came the above-named Zhihong H. Jin , to ecuted the foregoing assignment, who acknowledged to me that he urposes therein set forth.
(Seal)	LINDÁ P GRUS Notary Public State of Wisconsin	(Notary Public)
M	g commission expires	July 19, 2019

PATENT: Assignment 16PS058-WO JOCP:0392PCT

INVENTOR 3	3:	
Signature:	Perry M. Wyatt	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	
Witnessed by:	Signature	Date:
SEO	CTION BELOW IS FOR USE ON	NLY IF SIGNING IN PRESENCE OF A NOTARY
Perry M. Wy	att	
STATE OF _	Nisconsin) Milwankee)	
me personally	day of <u>October</u> , 2017, be known as the individual who executance of his own free will for the pur	^ /4
(Seal)	LÍNDA P GRUS Notary Public State of Wisconsin	(Notary Public)
	ly commission expires	July 19, 2019

PATENT REEL: 064231 FRAME: 0915

RECORDED: 07/12/2023