505860740 01/13/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5907677

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RONALD J. DULLE	03/28/2014
MARK D. GUNDERSON	03/31/2014
BRYAN L. THIEME	03/28/2014

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TECHNOLOGY COMPANY	
Street Address:	915 EAST 32ND STREET	
City:	HOLLAND	
State/Country:	MICHIGAN	
Postal Code:	49423	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16716753

CORRESPONDENCE DATA

Fax Number: (954)828-1488

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: (954) 828-488

Email: ptomail@cwiplaw.com
Correspondent Name: ALAN M. WEISBERG

Address Line 1: CHRISTOPHER & WEISBERG, P.A.

Address Line 2:1233 N. UNIVERSITY DRIVEAddress Line 4:PLANTATION, FLORIDA 33322

ATTORNEY DOCKET NUMBER:	2053-8UCON
NAME OF SUBMITTER:	ALAN M. WEISBERG
SIGNATURE:	/ALAN M. WEISBERG/
DATE SIGNED:	01/13/2020

Total Attachments: 4

source=2053-8_Provisional Assignment#page1.tif source=2053-8_Provisional Assignment#page2.tif source=2053-8_Provisional Assignment#page3.tif

PATENT 505860740 REEL: 051496 FRAME: 0097

source=2053-8_Provisional Assignment#page4.tif

<u>ASSIGNMENT</u>

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 915 East 32nd Street, Holland, Michigan 49423, 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 "SYSTEMS, METHODS, AND DEVICES FOR PRE-CHARGE CONTROL OF A BATTERY MODULE," 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>61/874.472</u> , filed on <u>September 6, 2013</u> .		
U.S. Non-Provisional Application Serial No, filed on		
International Application Serial No, filed on		

INVENTOR	.1:	
Signature:		Date:
	Ronald J. Dulle	
Witnessed by	y:	Date:
	Signature	
	Printed Name of Witness	
Witnessed by	y:Signature	Date:
	Signature	
	Printed Name of Witness	
		VLY IF SIGNING IN PRESENCE OF A NOTARY
Ronalo	4 1 Delle	Date: 3-26-2614
Ronald J. D	ulle	
	WISCONSIN)) §§. PF_MILWAUKEE)	
This <u>25</u> personally k	∾ day of <u>March</u> , 2014, befor	e me personally came the above-named Ronald J. Dulle, to me ed the foregoing assignment, who acknowledged to me that he poses therein set forth.
(Seal)		Jusan M. Bona Que
SUSA	IN M. DONAHUE Notory Public ate of Wisconsin	Susan M. Donahue, Notary Public, State of Wisconsin My Commission expires: September 7, 2014

INVENTOR	2:	
Signature:		Date:
	Mark D. Gunderson	
Witnessed by	;Signature	Date:
	Signature	
	Printed Name of Witness	
Witnessed by	:Signature	Date:
	Printed Name of Witness	
Mark D. Gu	D. Mayor	
141W1 W 15. (3.6)	idei son	
	WISCONSIN)) §§. F MILWAUKEE)	
me personall	day of <u>March</u> , 2014, before to what who executed who executes ame of his own free will for the purp	me personally came the above-named Mark D. Gunderson, to sted the foregoing assignment, who acknowledged to me that he poses therein set forth.
	N M. DONAHUE	Luan M. Dona Ouc
Sto	Notary Public Ife of Wisconsin	Susan M. Donahue, Notary Public, State of Wisconsin My Commission expires: September 7, 2014

INVENTOR	23:	
Signature:	Bryan L. Thieme	Date:
Witnessed by	y:	Date:
	Signature	
	Printed Name of Witness	
Witnessed b	y:	Date:
·	y:Signature	
	Printed Name of Witness	
		LY IF SIGNING IN PRESENCE OF A NOTARY
		LI II SIGNING IN I RESENCE OF A NOTARI
		Date: <u>3/28/14</u>
Bryan L. Ti		
STATE OF	WISCONSIN)) §§.	
COUNTY C	OF MILWAUKEE)	
personally k	day of <u>March</u> , 2014, before r mown as the individual who executed same of his own free will for the purp	me personally came the above-named Bryan L. Thieme, to me d the foregoing assignment, who acknowledged to me that he
excedited inc	same of his own nee was for the pay	soses merem sectorar.
(Seal) possess	anthressantantantantantantantantantantantanta	Luar M. Dorahue
en e	SUSAN M. DONAHUE Notary Public State of Wisconsin	Susan M. Donahue, Notary Public, State of Wisconsin My Commission expires: September 7, 2014

PATENT REEL: 051496 FRAME: 0102

RECORDED: 01/13/2020