504809121 03/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4855854

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAWN A. HERN	03/07/2018

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TECHNOLOGY COMPANY	
Street Address:	2875 HIGH MEADOW CIRCLE	
City:	AUBURN HILLS	
State/Country:	MICHIGAN	
Postal Code:	48326-2773	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15914732
Application Number:	62637191

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.

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

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

Address Line 1: P.O. BOX 692289

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ATTORNEY DOCKET NUMBER:	17BE401-US (JOCI:0475)	
NAME OF SUBMITTER:	ANDREW RENEHAN	
SIGNATURE:	/Andrew M. Renehan/	
DATE SIGNED:	03/07/2018	

Total Attachments: 2

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PATENT 504809121 REEL: 045137 FRAME: 0212

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 **2875 High Meadow Circle, Auburn Hills, Michigan 48326-2773**, 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 "SENSOR MANAGEMENT SYSTEMS FOR HVAC SYSTEMS," 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>62/63</u>	7,191, filed on <u>March 1, 2018</u> .	
U.S. Non-Provisional Application Serial No	15/914,732 , filed on <u>March 7, 2018</u> .	
International Application Serial No	, filed on	

PATENT REEL: 045137 FRAME: 0213

INVENTOR 1: Shi Kn Date: 3-7-18 Signature: Witnessed by: Noresa Gilletto Date: 03/07/18 Signature Printed Name of Witness Witnessed by: Signature Date: 3-7-18 JOHN LERKVITZ, Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: _____ Shawn A. Hern STATE OF _____ COUNTY OF _____ This day of , 2018, before me personally came the above-named **Shawn A. Hern** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he

Notary Public

PATENT REEL: 045137 FRAME: 0214

My Commission expires:

(Seal)

executed the same of his own free will for the purposes therein set forth.