#### 504498623 08/10/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4545327

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KOMAN B. NAMBIAR	02/16/2017
TYLER A. WOLGEMUTH	02/17/2017

# **RECEIVING PARTY DATA**

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

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15436145

#### 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

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

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

Address Line 1: P.O. BOX 692289

Address Line 4: **HOUSTON, TEXAS 77269-2289** 

ATTORNEY DOCKET NUMBER: 15BE051-US (JOCI:0143)		
NAME OF SUBMITTER: ANDREW M. RENEHAN		
SIGNATURE:	/Andrew M. Renehan/	
<b>DATE SIGNED:</b> 08/10/2017		

# **Total Attachments: 3**

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**PATENT** REEL: 043262 FRAME: 0854 504498623

### **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 "VAPOR COMPRESSION SYSTEM AND METHOD OF EXTENDING SERVICE LIFE OF SAME," 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, filed on	
U.S. Non-Provisional Application Serial No. <u>15/436,145</u> , filed on <u>February 17, 2017</u> .	
International Application Serial No, filed on	<u>_</u> .

PATENT REEL: 043262 FRAME: 0855

BRIENITOD 1.	1301301-00 (500401.0)
INVENTOR 1:	
Signature: Koman B. Nambiar	Date: 16 FEB 2017
Witnessed by:  Signature  TSAAS AWSAH	Date: 16 FER 2017
Printed Name of Witness  Witnessed by:  Signature  HARRY B HUTSLEY  Printed Name of Witness	Date: 16 FEB 2017
SECTION BELOW IS FOR USE ONL	Y IF SIGNING IN PRESENCE OF A NOTARY
Koman B. Nambiar	Date:
STATE OF)  \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
This day of, 2017,  Nambiar, to me personally known as the individual to me that he executed the same of his own free will	before me personally came the above-named <b>Koman B.</b> I who executed the foregoing assignment, who acknowledged for the purposes therein set forth.
(Seal)	(Notary Public)

PATENT REEL: 043262 FRAME: 0856

15BE051-US (JOCI:0143) **INVENTOR 2:** Tyler A. Wolgemuth

Date: 7/17/2017 Signature: Printed Name of Witness Witnessed by: Date: 2/17/2017 120091 A E JASMANN
Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Tyler A. Wolgemuth STATE OF \_\_\_\_\_ COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_\_, 2017, before me personally came the above-named Tyler A. Wolgemuth, to me personally known as the individual who executed the foregoing assignment, who

(Notary Public)

acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**PATENT REEL: 043262 FRAME: 0857** 

RECORDED: 08/10/2017

(Seal)