505284876 01/17/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
THOMAS D. CHASE	11/06/2018	

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:	16186124
Application Number:	62741426

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

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ATTORNEY DOCKET NUMBER:	NUMBER: 18-0522-US (JOCI:0595)	
NAME OF SUBMITTER:	MATTHEW C. HENWOOD	
SIGNATURE:	/Matthew C. Henwood/	
DATE SIGNED:	01/17/2019	

Total Attachments: 2

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PATENT 505284876 REEL: 048053 FRAME: 0683

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 "SYSTEMS AND METHODS FOR GAS VALVE ASSEMBLY OF AN HVAC SYSTEM," 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	62/741,426	, filed on <u>October 4, 2018</u>	'	
U.S. Non-Provisional Application Serial No.	16/186,124	, filed on <u>November 9, 2018</u>	•	
International Application Serial No.		, filed on	·	

PATENT REEL: 048053 FRAME: 0684

INVENTOR 1:					
Signature:	Thomas D. Chase		Date:		
Witnessed by:	Signature		Date:		
	Printed Name of V	/itness			
Witnessed by:	Signature	,	Date:		
	Printed Name of V	Vitness			
SECTIO	N BELOW IS FOR USE ON	LY IF SIGNING IN PRE	SENCE OF A NOTA	RY	
Thomas D. Ch	nas D. Char	ી	Date:	16/2018	
STATE OF)) §§.)				
me personally	67/1 day of Novembe known as the individual who e s/her own free will for the purp	executed the foregoing assign	rsonally came the abovenment, who acknowle	re-named Thomas D. dged to me that he/sho	Chase, to
Seal	MELODY W. LINDENSMITH NOTARY PUBLIC STATE OF KANSAS My 100 Fig. 5-16-19	Cyflody W. Oxotary Public	Ludensmi	Û_	

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RECORDED: 01/17/2019