PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM F. MCQUADE	11/30/2017
NEELKANTH GUPTE	12/05/2017

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:	15871691
Application Number:	62593606

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

Address Line 1: P.O. BOX 692289

Address Line 4: HOUSTON, TEXAS 77269

ATTORNEY DOCKET NUMBER:	17BE400-US (JOCI:0387)
NAME OF SUBMITTER:	DAVID A. CORLEY
SIGNATURE:	/David A. Corley/
DATE SIGNED:	01/24/2018

Total Attachments: 3

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PATENT 504744826 REEL: 044717 FRAME: 0126

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 Michigan corporation having its principal 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 inventions, and improvements which are disclosed in the application for United States Letters Patent, which is entitled "ULTRAVIOLET (UV) LIGHT-BASED REFRIGERANT LEAK DETECTION SYSTEM AND METHOD," 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 without further consideration, but 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. 62/593,606	, filed on December 1, 2017		
U.S. Non-Provisional Application Serial No. <u>15/871,69</u>	01, filed on15, 2018		
International Application Serial No	, filed on		
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PATENT REEL: 044717 FRAME: 0127

INVENTOR I:	
Signature: William F. McQuade	Date:
Witnessed by: Kull Kull Signature	Date: 11/30/2017
KEVIN WEAVER Printed Name of Witness	<u></u>
Witnessed by: Signature	Date: 11/30/2017
Duline M. Grim Printed Name of Witness	·
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PE	RESENCE OF A NOTARY
William F. McQuade	Date: 11/30 /2017
STATE OF PA) COUNTY OF YOLK) \$8.	
This 30th day of 100000000000000000000000000000000000	onig assignment, who academicaged to me that he she
Seal COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Penny L. Ness, Notary Public Spring Garden Twp., York County My Commission Expires Aug. 18, 2021 MEMBER PENNSYLVANIA ASSOCIATION OF NOTARIES (Notary Pub	A. Muss

PATENT REEL: 044717 FRAME: 0128

Signature:	Neelkanth Gupte	Date: Decambers	, 2017
Witnessed by:	Signature	Date: S December	<u>~ 201</u>
	Printed Name of Witness		
Witnessed by:	Zhivei Guarre Signature	Date: Vecenber	<u>5,20</u> 7
	Printed Name of Witness	<u></u>	
SECTIO	N BELOW IS FOR USE ONLY IF SIGN	ING IN PRESENCE OF A NOTARY	
Neelkanth Gu	pte	Date:	
STATE OF)) §§.		
personally kno	day of, 2017 he own as the individual who executed the foreg r own free will for the purposes therein set fo	fore me personally came the above-named Neelkanth coing assignment, who acknowledged to me that he/she orth.	Gupte, to me executed the
Seal	<u></u>	Notary Public)	

PATENT REEL: 044717 FRAME: 0129

RECORDED: 01/24/2018

INVENTOR 2: