504956578 06/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5003325

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINAY NANJAPPA	02/27/2018
NITIN C. DABADE	02/27/2018
VISHAL S. JAGTAP	02/27/2018
PRASHANTI S. DHAWAN	02/07/2018
MARCEL P. FERRERE	02/27/2018
RAJIV K. KARKHANIS	02/27/2018
CURTIS W. CASKEY	02/27/2018

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:	62641893
Application Number:	15960318

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.

Phone: 281-970-4545

Email: docket@fyiplaw.com, olivo@fyiplaw.com

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

Address Line 1: P.O. BOX 692289

Address Line 4: HOUSTON, TEXAS 77269

ATTORNEY DOCKET NUMBER:	17BE504-US (JOCI:0477)
NAME OF SUBMITTER:	MATTHEW C. HENWOOD
SIGNATURE:	/Matthew C. Henwood/

PATENT 504956578 REEL: 046061 FRAME: 0318

DATE SIGNED:	06/12/2018		
Total Attachments: 8			
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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 **"FILTER TRACK ASSEMBLY FOR HVAC UNITS"** 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>62/641,893</u> filed on <u>March 12, 2018</u> .
U.S. Non-Provisional Application Serial No. <u>15/960,318</u> , filed on <u>April 23, 2018</u> .
International Application Serial No, filed on

INVENTOR I	:		
Signature:	Oinay Nanjappa	Date:	27-Feb-2018
Witnessed by:	A-13 SURIYA YRAKASH	Date:	27-FEB-2018
Witnessed by:	Printed Name of Witness Signature MUCESH SHARME Printed Name of Witness	Date:	27-Feb-2018
SE	CTION BELOW IS FOR USE ONLY	Y IF SIGNING	G IN PRESENCE OF A NOTARY
		Date:	
Vinay Nanjaj	ofos		
) §§.		
This one personally executed the s	day of, 2018, before known as the individual who executed ame of his own free will for the purpose.	re me personal d the foregoing ses therein set t	ly came the above-named Vinay Nanjappa to assignment, who acknowledged to me that he forth.
(Seal)		Notary Public My Commissi	on expires:

INVENTOR 3:	
Signature: Nitin C. Dabade	Date: 27/02/2018
Witnessed by: Signature Yoge8 h P. Kamal Printed Name of Witness	Date: 27/02/2018
Witnessed by: Signature Surface Pingel Printed Name of Witness	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
Nitin C. Dabade	Date:
STATE OF) §§. COUNTY OF)	N _p o
This day of 2018 me personally known as the individual who ex executed the same of his own free will for the p	, before me personally came the above-named Nitin C. Dabade to ecuted the foregoing assignment, who acknowledged to me that he surposes therein set forth.
(Seal)	Notary Public My Commission expires:

INVENTOR	<i>L</i> .;	
Signature:	Vishal S. Jagtap	Date: <u>ペプートebー 2018</u>
Witnessed by	Signature	Date: 27-Feb-2018
Witnessed by	Printed Name of Witness Signature	
SE	Printed Name of Witness CTION BELOW IS FOR USE ONL	Y IF SIGNING IN PRESENCE OF A NOTARY
Vishal S. Jag	tap	Date:
) §§.	
This me personall; executed the	day of3 2018, before the purpose of his own free will for the purpo	ore me personally came the above-named Vishal S. Jagtap, to ed the foregoing assignment, who acknowledged to me that he uses therein set forth.
(Seal)		Notary Public My Commission expires:

INVENTOR 4	4:	
Signature:		Date: 07 - Feb - 2018:
P	Prashanti S. Dhawan	
Witnessed by:	Signature	Date: 27/02/2018
	Printed Name of Witness	S
Witnessed by:	Signature	Date: 27/02/2018
	~	
	Bhushan Vichare Printed Name of Witness	<u></u>
SE	CTION BELOW IS FOR USE ONL	Y IF SIGNING IN PRESENCE OF A NOTARY
· <u>k</u>		Date:
Prashanti S. l		
STATE OF) §§.	
to me persona	lay of, 2018, befor ally known as the individual who exec ne same of his own free will for the pu	e me personally came the above-named Prashanti S. Dhawan uted the foregoing assignment, who acknowledged to me tha rposes therein set forth.
(Seal)		Notary Public My Commission expires:

INVENTOR 5:	
Signature: Marcel P. Ferrere	Date: 27 FB 18
Witnessed by:Signature	M Date: 2/22/2018
Printed Name of Witnes	gte dr
Witnessed by: Signature	Date: 0-27-18
Juline M Gri Printed Name of Witnes	
SECTION BELOW IS FOR US	E ONLY IF SIGNING IN PRESENCE OF A NOTARY
Marcel P. Ferrere	Date:
STATE OF) COUNTY OF)	
COUNTY OF)	
This day of, 201 me personally known as the individual who executed the same of his own free will for the	8, before me personally came the above-named Marcel P. Ferrere to executed the foregoing assignment, who acknowledged to me that he purposes therein set forth.
(Seal)	
	Notary Public My Commission expires:

INVENTOR 6:

Signature: Rajiv K. Karkhanis	Date: February 27, 2018
Witnessed by: William Harris	Date: February 27, 2018
Witnessed by: Witnessed by: Signature MANJUR TAMBOL Printed Name of Witness	
SECTION BELOW IS FOR USE ONL	LY IF SIGNING IN PRESENCE OF A NOTARY
Rajiv K. Karkhanis	_ Date:
STATE OF)) §§. COUNTY OF)	
This day of, 2018, before to me personally known as the individual who executed the same of his own free will for the pure the executed the same of his own free will for the pure the executed the same of his own free will for the pure the executed the same of his own free will for the pure the executed the same of his own free will for the pure the executed the same of his own free will for the pure the executed the same of his own free will for the pure the executed the executed the same of his own free will for the pure the executed the execut	are me personally came the above-named Rajiv K. Karkhanis, buted the foregoing assignment, who acknowledged to me that reposes therein set forth.
(Seal)	Notary Public My Commission expires:

Date: FEB 27, 2018
Date: 02.27.208
· . —
Date: 02/22/18
LY IF SIGNING IN PRESENCE OF A NOTARY
Date:
ore me personally came the above-named Curtis W. Caskey to ed the foregoing assignment, who acknowledged to me that he oses therein set forth.
Notary Public

RECORDED: 06/12/2018