505903935 02/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5950652

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD POURGOL-MOHAMMAD	11/13/2019
KARL B. WASHBURN	11/12/2019

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: 1

Property Type	Number
Application Number:	16683042

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, helweg@fyiplaw.com, ramirez@fyiplaw.com,

henwood@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:	19-0469-US (JOCI:0729)
NAME OF SUBMITTER:	MATTHEW C. HENWOOD
SIGNATURE:	/Matthew C. Henwood/
DATE SIGNED:	02/06/2020

Total Attachments: 3

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PATENT 505903935 REEL: 051744 FRAME: 0178

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 "REMAINING USEFUL LIFE ESTIMATOR OF COMPONENTS OF 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.

<u>Additional Application Information</u>	:
U.S. Provisional Application Serial No, filed on	
U.S. Non-Provisional Application Serial No. <u>16/683,042</u> , filed on <u>November 1</u>	<i>3, 2019</i> .
International Application Serial No.	_, filed on

PATENT REEL: 051744 FRAME: 0179

INVENTOR I:				
Signature: M	Por L. A. Chammad Pourgol-Moham	mad	Date:	11/13/2019
Witnesand by:	Arun Veere Signature		Date:	4/13/2019
	Arun Veeve Printed Name of Wi	timess J.		
winesals Z	ASMG Signature	<i>e</i>	Date:	11/13/2019
	JEREMY M. (Printed Name of Wi	Market Commence of the Commenc		
SECTION B	ELOW IS FOR USE ONL	Y IF SIGNING IN PRES	ENCE OF A N	OTARÝ
		47%		
Mohammad Pour	rgol-Mohammad		Date:	
STATE OF))			
COUNTY OF				
This Mohammad, to n that he she execute	day of ne personally known as the ed the same of his/her own fr	individual who executed	the foregoing as	above-named Mohammad Pourgol- signment, who acknowledged to me
Seal		(Notary Public)		

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INVENTOR 2:		
Signature: Karl B. Washburn	skun BL	Date: $11/12/2019$ Date: $11/12/2019$
Witnessed by: Signa	ture	Date: /// / CO//
Paul F Printed Name of		
Witnessed by: Signal	ture	Date: 11/12/2019
Printed Name of	EALAGURU of Witness	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE	E OF A NOTARY
Karl B. Washburn		Date:
STATE OF)) §§. COUNTY OF)		
This day of, 2 personally known as the individual who ex same of his/her own free will for the purpo	xecuted the foregoing assignment, who	above-named Karl B. Washburn , to me o acknowledged to me that he/she executed the
Seal	(Notary Public)	

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RECORDED: 02/06/2020