505068050 08/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5114806

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| SRIRAM RAMANUJAM | 08/11/2018 |
| AMIT R. CHOTHAVE | 08/11/2018 |
| KARAN GARG | 08/11/2018 |

RECEIVING PARTY DATA

| Name: | ame: 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: | 62722682 |
| Application Number: | 16113994 |

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

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

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

Address Line 1: P.O. BOX 692289

Address Line 4: HOUSTON, TEXAS 77269

| ATTORNEY DOCKET NUMBER: | 18-0209-US (JOCI:0559) | |
|---------------------------------------|------------------------|--|
| NAME OF SUBMITTER: MATTHEW C. HENWOOD | | |
| SIGNATURE: /Matthew C. Henwood/ | | |
| DATE SIGNED: 08/28/2018 | | |

Total Attachments: 4

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source=18-0209-US_JOCI0559_Assignment#page4.tif

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 "HVAC UNIT CENTERING SYSTEMS AND METHODS," 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 | m | | |
|---|--|------------|-----------|------------------------------------|
| | U.S. Provisional Application Serial No. 62/722,682 | , filed on | August 24 | . 2018 . |
| | U.S. Non-Provisional Application Serial No. 16/113,994 | filed on | August 27 | , 2018 |
| 1 | International Application Serial No, file | d on | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |

| INVENTOR | | |
|----------------------------|--|--|
| Signature: | | Date: 11/Png 2018 |
| | Sriram Ramanujam | |
| Witnessed by | : Optilied | Date: 11/19/2018 |
| | Signature Proves M. Goldking L. Printed Name of Witness | |
| Witnessed by | | Date: 11/ Pug / 2018, |
| | Signature | |
| | Gaurar Pari) | |
| | Printed Name of Witness | |
| | | |
| > | | |
| SEC | TION BELOW IS FOR USE ONLY IF | SIGNING IN PRESENCE OF A NOTARY |
| | | |
| | | _ |
| | | Date: |
| Sriram Ram | anujam | |
| STATE OF | \ | N. Carterina de la Carterina d |
| SIMIL OF |) F) §§. | |
| COUNTY OF |) | |
| This Ramanujam acknowledge | day of 2016, be to me personally known as the indiv d to me that he executed the same of his o | fore me personally came the above-named Sriram idual who executed the foregoing assignment, who wn free will for the purposes therein set forth. |
| (Seal) | | |
| ≫por 5 | | otary Public |
| | M | y Commission expires: |

INVENTOR 2:

| Signature: | <u>AST</u> | Date: 11/Aug 2018 |
|----------------------------------|--|---|
| | Amit R. Chothave | |
| Witnessed by: | Aptlind . | Date: 11 Aug 2018 |
| | Signature PLOVEED M Gofakhingli Printed Name of Witness | |
| Witnessed by | Signature | Date: 11 Angle 2018 |
| | Gayyay Paril Printed Name of Witness | |
| SEC | TION BELOW IS FOR USE ONLY I | F SIGNING IN PRESENCE OF A NOTARY |
| | | Date: |
| Amit R. Cho | | |
| STATE OF _ | \$§. | |
| This to me person that he execut | day of2016, before ally known as the individual who executed the same of his own free will for the | me personally came the above-named Amit R. Chothave, ted the foregoing assignment, who acknowledged to me purposes therein set forth. |
| (Seal) | | |
| Nessee | | Notary Public My Commission expires: |

| INVENTOR 3: | |
|---|--|
| Signature: | Date: 11 / Aug 20/8 |
| Witnessed by: Signature | Date: 11 / Ang 2018 |
| Printed Name of Witness | |
| Witnessed by: Signature | Date: 11/ Ang 12018. |
| Printed Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF | SIGNING IN PRESENCE OF A NOTARY |
| Karan Garg | Date: |
| STATE OF) COUNTY OF) §§. | |
| This day of, 2016, before me personally known as the individual who executed the executed the same of his own free will for the purpo | me personally came the above-named Karan Garg , to he foregoing assignment, who acknowledged to me that uses therein set forth. |
| (Seal) | |
| | otary Public Iv Commission expires: |

PATENT REEL: 046730 FRAME: 0997

RECORDED: 08/28/2018