502232465 02/15/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Tabraiz Ali KHAN | 06/09/2008 |
| Robert CABRERA | 06/08/2009 |
| Gregory Kenneth REASER | 06/09/2008 |
| Terry HILL | 06/09/2008 |

RECEIVING PARTY DATA

| Name: | JOHNSON CONTROLS TECHNOLOGY COMPANY |
|-----------------|-------------------------------------|
| Street Address: | 915 East 32nd Street |
| City: | Holland |
| State/Country: | MICHIGAN |
| Postal Code: | 49423 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13768123 |

CORRESPONDENCE DATA

Fax Number: 7172375300

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Kerri J. Smith, Paralegal

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Address Line 2: P.O. Box 1166

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| ATTORNEY DOCKET NUMBER: | 26430-0024-C1 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | Kerri J. Smith |

Total Attachments: 4

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PATENT REEL: 029818 FRAME: 0527 13768123

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JOINT ASSIGNMENT

WHEREAS, each undersigned inventors, **Trabraiz Ali KHAN**, **Robert CABRERA**, **Gregory Kenneth REASER** and **Terry HILL**, hereafter referred to singly and collectively as "Assignors," residing at the address(es) listed below, has invented certain new and useful modifications, improvements, and inventions relating to a(n) **HEAT EXCHANGER**

| \boxtimes | for which an application for a United States Patent will be subsequently |
|-------------|--|
| | filed. Assignor hereby authorizes and requests an attorney having the |
| | power of attorney to prosecute the application from McNees Wallace & |
| | Nurick LLC to insert here in parenthesis (Application No. |
| | filed) the filing date and application number of the |
| | application when known and to insert in this Assignment any othe |
| | identification that may be necessary or desirable to comply with the rules |
| | of the U.S. Patent and Trademark Office for the recordation of this |
| | Assignment. |
| | for which an application for a United States Patent was filed on |
| | , Application Number |
| | |

and

WHEREAS, JOHNSON CONTROLS TECHNOLOGY COMPANY, whose street address is 915 East 32nd Street, Holland, Michigan 49423, herein referred to as "Assignee," is desirous of acquiring the entire right, title and interest in the same.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, Assignor has irrevocably sold, assigned, transferred and set over, and hereby irrevocably sells, assigns, transfers and sets over unto the Assignee, its lawful successors and assigns, Assignor's entire right, title and interest in and to all inventions disclosed in this application, including any modifications, improvements, and related inventions, whether presently disclosed in this application or not, and any related provisional, nonprovisional, original, regular, counterpart, reissue, and re-examination applications, including extensions, divisional, continuation, and continuation-in-part applications thereof in the United States, any foreign country, or under any international treaty or convention, and all Letters Patent of the United States which may be granted thereon, and all rights to claim priority on the basis of such application, and all applications for Letters Patent that may hereafter be filed for such inventions in any foreign country or under any international treaty or convention and all Letters Patent

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which may be granted on such inventions in any foreign country or under any international treaty or convention, and all extensions, renewals, and reissues thereof; and Assignor hereby authorizes and requests the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications or inventions as described herein, to issue all Letters Patent for such inventions to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, Assignor hereby covenants that Assignor has the full and unemcumbered right to convey the interests assigned by this Assignment, and Assignor has not executed and will not execute any agreement in conflict with this Assignment;

AND, Assignor hereby further acknowledges that Assignee has sole control and decision-making authority regarding the prosecution of this application and any application for related inventions, and that Assignee may require Assignor's cooperation for further preparation and prosecution of such applications, which cooperation will be provided without further consideration, including but not limited to reviewing specifications, executing petitions, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to Assignor relating to this application or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in Assignor's control or in the control of Assignor's heirs or legal representatives and that may be useful for establishing the facts of conception, disclosure, or reduction to practice of any invention, including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings; and to testify in person or by affidavit as required by Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; it being understood that any expense incident to the execution of such papers or activities shall be borne by the Assignee, its successors and assigns;

AND, Assignor hereby further acknowledges Assignor's obligation to assign this application to Assignee, as well as applications for all modifications, improvements, and related inventions, whether presently included in this application or not;

Assignor hereby declares that all statements made herein of Assignor's own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18

of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, We/I hereunto set our/my hand(s) having read and understood this Assignment.

Assignor Date Witness Date

Tabraiz Ali KHAN

6823 East 40th Street North Wichita, Kansas 67226-2408

United States of America

Amadi Ogbungs 06/09/08
Witness Date

Raut (alu (8/20) Invan Dury adoglo8
Assignor Date Witness Date

Robert CABRERA

8605 N. Westlawn Court Wichita, Kansas 67212

United States of America

Amadi Ogbunyu

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Hugory Kenneth (Kenneth Frank Owa-) 06/08
Assignor Date Witness Date

Gregory Kenneth REASER 1030 South Main Street #4 Wichita, Kansas 67213 United States of America

Amardi Oghryn (

06/09/08

Date

Subscribed and sworn to before me in my Presence, this 1 day of 11111 1000, a Notary Public in and for the County of Seddy (State of 121505) (Signature) Notary Public My commission expires 122, 2011

Date Witness

Terry HILL

1601 Cleary Lane

Wichita, Kansas 67052

United States of America

Witness

(Signature) Notary Public
My commission expires Stet 22, 2011