503548142 10/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3594769

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| DAVOOD GHADIRI MOGHADDAM | 07/10/2015 |
| PHILIP PAUL LEPOUDRE | 07/14/2015 |
| MANFRED GERBER | 07/10/2015 |

RECEIVING PARTY DATA

| Name: | NORTEK AIR SOLUTIONS CANADA, INC. | |
|-----------------|-----------------------------------|--|
| Street Address: | 1502D QUEBEC AVENUE | |
| City: | SASKATOON | |
| State/Country: | CANADA | |
| Postal Code: | SK S7K1V7 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14744950 |

CORRESPONDENCE DATA

Fax Number:

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: 6123736900

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER/NORTEK

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

| ATTORNEY DOCKET NUMBER: | 5991.018US1 | |
|-------------------------|-----------------|--|
| NAME OF SUBMITTER: | DIANA JOHNSON | |
| SIGNATURE: | /Diana Johnson/ | |
| DATE SIGNED: | 10/30/2015 | |

Total Attachments: 6

source=5991 018US1 Assignment signed#page1.tif source=5991 018US1 Assignment signed#page2.tif source=5991 018US1 Assignment signed#page3.tif source=5991 018US1 Assignment signed#page4.tif

PATENT 503548142 REEL: 036924 FRAME: 0931

source=5991 018US1 Assignment signed#page5.tif source=5991 018US1 Assignment signed#page6.tif

PATENT REEL: 036924 FRAME: 0932

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 5991.018US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Nortek Air Solutions Canada, Inc. Davood Ghadiri Moghaddam, Philip Paul LePoudre, Street Address: 1502D Quebec Avenue Manfred Gerber Additional name(s) of conveying party(ies) attached? City: Saskatoon, SK S7K1V7 Country: Canada []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [] Merger [X] Assignment [] Security Agreement [] Change of Name [] Other Execution Date: July 10, 2015, July 14, 2015, July 10, 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 14/744,950 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Alison N. Sachs [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743 Minneapolis, MN 55402--0938 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Muson Alison N. Sachs/Reg. No. 63,776 Name of Person Signing Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 **Alexandria, VA 22313-1450**

PATENT REEL: 036924 FRAME: 0933

ASSIGNMENT

WHEREAS, Davood Ghadiri Moghaddam, Philip Paul LePoudre and Manfred Gerber (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on June 19, 2015, which application was assigned US patent application serial number 14/744,950, and which is titled SYSTEMS AND METHODS FOR MANAGING CONDITIONS IN ENCLOSED SPACE; which are described in a patent application filed on July 21, 2014, which application was assigned US application serial number 62/027,050, and which is titled SYSTEMS AND METHODS FOR MANAGING CONDITIONS IN ENCLOSED SPACE; which are described in a patent application filed on June 20, 2014, which application was assigned US application serial number 62/014,985, and which is titled SYSTEMS AND METHODS FOR MANAGING CONDITIONS IN ENCLOSED SPACE.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Nortek Air Solutions Canada, Inc. (the "Assignee"), having a place of business at 1502D Quebec Avenue, Saskatoon, SK 57K1V7, Canada, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

PATENT REEL: 036924 FRAME: 0934

Docket No. 5991.018US1

Client Ref. No. IDEC

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office

(USPTO) Customer No. 86245 may (directly or through his/her designee) delete, insert, or alter any

information related to the above-identified patent application or applications or any of the foregoing,

after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement

affecting the rights and property herein conveyed has been or shall 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, that when requested and without compensation, but at the expense of the Assignee,

in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1)

execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute,

renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths,

declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the

Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate

with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any

of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for

securing, maintaining and enforcing proper patent protection for the invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of

competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining

provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision

with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the

Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment
Assignory: Davood Ghadiri Moghaddam et al.
Title: SYSTEMS AND METHODS FOR MANAGING CONDITIONS IN ENCLOSED SPACE

Page 3 of 5

Assignor:

(Signature):

Name: Davood Ghadiri Moghaddam

City/State: Saskatoon, Saskatchewan

Date:

PATENT REEL: 036924 FRAME: 0936

Docket No: 5991.018US1 Client Ref. No. IDEC Assignment

Assignors: Davood Ghadin Moghaddam et al.
Title: SYSTEMS AND METHODS FOR MANAGING CONDITIONS IN ENCLOSED SPACE

Docket No. 5991.018US1 Client Ref. No. IDEC

Assignor:

(Signature):

Name: Philip Paul LePoudre

City/State: Saskatoon, Saskatchewan

Date:

July 14, 2015

Docket No: 5991.018US1 Client Ref. No. IDEC

Assignor:

(Signature):

Name: Manfred Gerber

City/State: Saskatoon, Saskatchewan

204 10, 2015

Date:

PATENT REEL: 036924 FRAME: 0938

RECORDED: 10/30/2015