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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3547692

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| RICHARD L. JAMESON | 08/13/2015     |
| MARK D. WOODRUFF   | 08/13/2015     |
| JAY E. FIELD       | 08/13/2015     |

**RECEIVING PARTY DATA**

|                        |                          |
|------------------------|--------------------------|
| <b>Name:</b>           | Trane International Inc. |
| <b>Street Address:</b> | One Centennial Avenue    |
| <b>City:</b>           | Piscataway               |
| <b>State/Country:</b>  | NEW JERSEY               |
| <b>Postal Code:</b>    | 08855                    |

**PROPERTY NUMBERS Total: 1**

| Property Type              | Number   |
|----------------------------|----------|
| <b>Application Number:</b> | 14811240 |

**CORRESPONDENCE DATA**

**Fax Number:** (972)731-2289

*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:** 972-731-2288

**Email:** jchan@dfw.conleyrose.com

**Correspondent Name:** J. ROBERT BROWN, JR.

**Address Line 1:** 5601 GRANITE PARKWAY, SUITE 500

**Address Line 4:** PLANO, TEXAS 75024

|                                |                        |
|--------------------------------|------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | 4236-16501             |
| <b>NAME OF SUBMITTER:</b>      | J. ROBERT BROWN, JR.   |
| <b>SIGNATURE:</b>              | /J. Robert Brown, Jr./ |
| <b>DATE SIGNED:</b>            | 09/29/2015             |

**Total Attachments: 4**

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ASSIGNMENT OF APPLICATION FOR PATENT - PAGE ONE

WHEREAS, Richard L. Jameson of Tyler, in the County of Smith and the State of Texas; Mark D. Woodruff of Tyler, in the County of Smith and the State of Texas; and Jay E. Field of Troup, in the County of Smith and the State of Texas have invented certain new and useful improvements in *Systems and Methods for Cleaning Air* for which we have made application for Letters Patent of the United States of America;

AND WHEREAS, Trane International Inc., a corporation of Delaware having a principal place of business in the city of New York, County of New York and State of New York, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that, for and in consideration of One Dollar (\$1.00) and other valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold, and set over, and by these presents do assign, sell, and set over unto the said Trane International Inc. for the territory of the United States of America, and for all foreign countries, the full and exclusive right, title, and interest in and to the said invention, as fully set forth and described in the specification prepared and executed by us, preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said Trane International Inc. for their own use and behoof, and for its legal representatives to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

ASSIGNMENT OF APPLICATION FOR PATENT - PAGE TWO

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Tyler, State of Texas, this 13 day of August A.D. 2015.

Signed, sealed and delivered in the presence of:

Witnesses

[Signature]  
[Signature]

Inventor

[Signature]  
Richard L. Jameson

State of Texas )  
 ) ss.  
County of Smith )

Before me personally appeared said Richard L. Jameson and acknowledged the foregoing instrument to be his free act and deed this 13 day of August, 2015.

[Seal]



[Signature]  
Notary Public

ASSIGNMENT OF APPLICATION FOR PATENT - PAGE THREE

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Tyler, State of Texas, this 13 day of August A.D. 2015.

Signed, sealed and delivered in the presence of:

Witnesses

Janis Murray
[Signature]

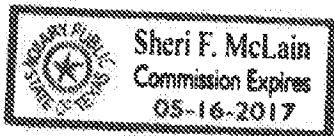
Inventor

Mark D. Woodruff
[Signature]

State of Texas
County of Smith

Before me personally appeared said Mark D. Woodruff and acknowledged the foregoing instrument to be his free act and deed this 13 day of August, 2015.

[Seal]



[Signature of Sheri F. McLain]

Notary Public

ASSIGNMENT OF APPLICATION FOR PATENT - PAGE FOUR

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Tyler, State of Texas, this 17 day of August A.D. 2015.

Signed, sealed and delivered in the presence of:

Witnesses

[Signature]  
[Signature]

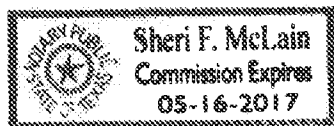
Inventor

[Signature]  
Jay E. Field

State of Texas )  
County of Smith ) ss.

Before me personally appeared said Jay E. Field and acknowledged the foregoing instrument to be his free act and deed this 13 day of August, 2015.

[Seal]



[Signature]  
Notary Public