

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3692517

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICK CRAIG ST. MARS	01/11/2016
ARVIND CHITRALA	01/12/2016
RAY WEAVER	01/12/2016
BRYAN R TEICHGRAEBER	01/12/2016
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14480347
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)275-7614
<i>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.</i>	
<b>Phone:</b>	3128364054
<b>Email:</b>	Taft-IP-Docket@taftlaw.com
<b>Correspondent Name:</b>	TAFT LLP
<b>Address Line 1:</b>	111 E. WACKER DRIVE, SUITE 2800
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601
<b>ATTORNEY DOCKET NUMBER:</b>	IRND-752
<b>NAME OF SUBMITTER:</b>	AMANDA A. GOLDEN
<b>SIGNATURE:</b>	/Amanda A. Golden/
<b>DATE SIGNED:</b>	01/12/2016
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

WHEREAS, Rick Craig St. Mars of 4113 Lazy Creek Drive, Tyler, TX 75703, Bryan R. Teichgraeber of 7724 Lamp Post Cove, Tyler, TX 75703, Arvind Chitrala of 2801 Calloway Road, #204, Tyler, TX 75707 and Ray Weaver of 13462 Oak Leigh Drive, Tyler, TX 75707, hereinafter referred to as Assignors, have made one or more new and useful inventions in HVAC CONTROL SYSTEM INTERFACE for which Assignor has made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Trane International Inc., hereinafter referred to as Assignee, a corporation of the State of Delaware, having a principal place of business at One Centennial Avenue, Piscataway, New Jersey 08855, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient consideration to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled HVAC CONTROL SYSTEM INTERFACE and any and all other

applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize Assignee, its counsel, or its agents to fill in some or all of the following list of information items (a) and (b) at the discretion of the Assignee, its counsel, or its agents:

(a) Patent Office Number of the Application: 14/480,347

(b) Filing Date of the Application: September 8, 2014

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

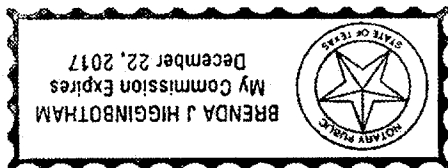
WITNESS Assignor's hand this 11 day of JANUARY, 2016.


  
Rick Craig St. Mars

STATE OF TEXAS )  
 ) : SS  
COUNTY OF SMITH )

Before me, a Notary Public, in and for said County and State, personally appeared Rick Craig St. Mars, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 11 day of January, 2016.

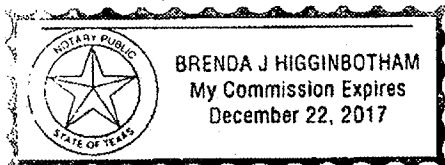


  
Notary Public

Printed: Brenda J. Higginbotham

Resident of Smith County

My Commission Expires:



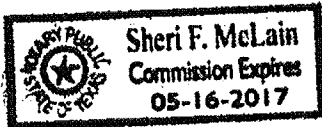
WITNESS Assignor's hand this 12<sup>th</sup> day of January, 2016.

Bryan R. Teichgraeber  
Bryan R. Teichgraeber

STATE OF Texas )  
COUNTY OF Smith ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Bryan R. Teichgraeber, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12<sup>th</sup> day of January, 2016.



Sheri F. McLain  
Notary Public

Printed: Sheri F. McLain

Resident of Smith County

My Commission Expires:

05-16-2017

WITNESS Assignor's hand this 12<sup>th</sup> day of January, 2016.

C. Arvind  
Arvind Chitrala

STATE OF TEXAS )  
 ) : SS  
COUNTY OF SMITH )

Before me, a Notary Public, in and for said County and State, personally appeared Arvind Chitrala, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12<sup>th</sup> day of January, 2016.



Sheri F. McLain  
Notary Public

Printed: Sheri F. McLain

Resident of Smith County

My Commission Expires:

05-16-2017

WITNESS Assignor's hand this 12<sup>TH</sup> day of JANUARY, 2016.

Ray Weaver  
Ray Weaver

STATE OF Texas )  
COUNTY OF Smith ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Ray Weaver, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12<sup>TH</sup> day of January, 2016.



Sheri F. McLain  
Notary Public

Printed: Sheri F. McLain

Resident of Smith County

My Commission Expires:

05-16-2017