

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3209266

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN MARK HAGAN	03/21/1988
<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>
Application Number:	14587376
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
<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>	972-731-2288
<b>Email:</b>	jchan@dfw.conleyrose.com
<b>Correspondent Name:</b>	J. ROBERT BROWN, JR.
<b>Address Line 1:</b>	5601 GRANITE PARKWAY, SUITE 500
<b>Address Line 4:</b>	PLANO, TEXAS 75024
<b>ATTORNEY DOCKET NUMBER:</b>	4236-10002
<b>NAME OF SUBMITTER:</b>	J. ROBERT BROWN, JR.
<b>SIGNATURE:</b>	/J. Robert Brown, Jr./
<b>DATE SIGNED:</b>	02/03/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT OF APPLICATION FOR PATENT - PAGE ONE

*WHEREAS, John Mark Hagan of Tyler, in the County of Smith and the State of Texas has invented certain new and useful improvements in HVAC System with Visitor Presence Sensor for which I 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, 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 me in hand paid, the receipt of which is hereby acknowledged, I 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 me 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 me had this assignment and sale not been made.*



**AMERICAN STANDARD INC. AND SUBSIDIARIES  
AGREEMENT CONCERNING INVENTIONS AND PROPRIETARY INFORMATION**

This agreement is signed by me as a condition and in consideration of my employment by one or more of AMERICAN STANDARD INC. and its subsidiary companies. In this Agreement, the term "Company" comprehends AMERICAN STANDARD INC. and all its subsidiaries, whether direct or indirect.

1. With respect to information, inventions, and discoveries developed, made, or conceived by me, either alone or with others, at any time during my employment by the Company and whether or not within normal working hours, arising out of such employment or pertinent to any field of business or research in which, during such employment, AMERICAN STANDARD INC. or any subsidiary thereof is engaged or (if such is known to or ascertainable by me) is considering engaging, I agree:
  - a. that all such information, inventions, and discoveries, whether or not patented or patentable, shall be and remain the sole property of the Company;
  - b. to disclose promptly to an authorized representative of the Company all such information, inventions, and discoveries, and all information in my possession as to possible applications and uses thereof;
  - c. not to file any patent application relating to any such invention or discovery except with the prior consent of an authorized representative of the Company; and
  - d. at the request of the Company, and without expense to me, to execute such documents and perform such other acts as the Company deems necessary, to obtain patents on such inventions in a jurisdiction or jurisdictions designated by the Company, and to assign to the Company or its designee such inventions and all patent applications and patents relating thereto.
  
2. With respect to the information, inventions, and discoveries referred to in Paragraph 1, and also with respect to all other information, whatever its nature and form and whether obtained orally, by observation, from graphic materials, or otherwise (except such as is generally available through publication) obtained by me during or as a result of my employment by the Company and relating to any product, process, or apparatus or to any use of any of them, or to materials, tolerances, specifications, costs (including manufacturing costs), prices, or to any plans, customers, prospects, personnel, market share, accounting, data, competitive assessments, legal and financial matters, and any other information which I actually know or should know to be proprietary to AMERICAN STANDARD INC. or any subsidiary thereof, I agree:
  - a. to hold all such information, inventions, and discoveries in strict confidence and not to publish or otherwise disclose any thereof except with the prior consent of an authorized representative of the Company;
  - b. to take all reasonable precautions to assure that all such information, inventions, and discoveries are properly protected from access by unauthorized persons;
  - c. to make no use of any such information, invention, or discovery except as required in the performance of my duties for the Company, and

- d. upon termination of my employment by the Company, or upon request of the Company, to deliver to it all graphic materials and all substances, models, prototypes and the like containing or relating to any such information, invention, or discovery, all of which graphic materials and other things shall be and remain the sole property of the Company. The term "graphic materials" includes letters, memoranda, reports, notes, notebooks, books of account, drawings, prints, specifications, formulas, data printouts, microfilms, magnetic tapes, and other documents and recordings, together with all copies thereof.
3. My obligations under Paragraphs 1 and 2 hereof shall remain in effect throughout my employment by the Company, and ever thereafter, unaffected by any transfer between AMERICAN STANDARD INC. and a subsidiary company or between subsidiaries, and without regard to the reason for termination of my employment.
  4. All inventions and discoveries made or conceived by me prior to the date of my employment by the Company are listed on the back of this Agreement or on a sheet attached hereto. (Please give patent numbers, serial numbers of patent applications, and specific information as to subject matter and dates of conception and patent protection.) Any invention or discovery made by me and not included in the aforementioned list shall be deemed to have been made or conceived during my employment by the Company.
  5. I agree to respect any and all valid obligations which I may now have to prior employers or to others relating to confidential information, inventions, or discoveries which are the property of those prior employers or others as the case may be. I have supplied or shall promptly supply to the Company a copy of each written agreement setting forth any such obligation.
  6. This Agreement shall bind my heirs, executors, administrators, legal representatives, and assignees. This Agreement supersedes, as of the date hereof, any prior agreement which I may have executed in favor of AMERICAN STANDARD INC. or any subsidiary thereof concerning inventions or proprietary information. No waiver or amendment of this Agreement shall be valid unless in writing and signed by a representative of the Company having actual authority to grant such waiver or make such amendment.

IN WITNESS WHEREOF, I J. M. HAGAN, have signed this  
(Please print name.)  
Agreement, retaining one signed and dated copy thereof, this 21 day of  
MARCH, 1988 at Tyler.

Signature J M Hagan L.S.

Witness: Linda Taylor

2/11/88