

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2602917

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>LEE L. SIBIK</td> <td>10/24/2013</td> </tr> <tr> <td>BENJAMIN E. DINGEL</td> <td>10/25/2013</td> </tr> <tr> <td>HARRY KENNETH RING</td> <td>10/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	LEE L. SIBIK	10/24/2013	BENJAMIN E. DINGEL	10/25/2013	HARRY KENNETH RING	10/30/2013
Name	Execution Date								
LEE L. SIBIK	10/24/2013								
BENJAMIN E. DINGEL	10/25/2013								
HARRY KENNETH RING	10/30/2013								
RECEIVING PARTY DATA									
Name:	TRANE INTERNATIONAL INC.								
Street Address:	ONE CENTENNIAL AVENUE								
City:	PISCATAWAY								
State/Country:	NEW JERSEY								
Postal Code:	08855								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14055484</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14055484				
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Application Number:	14055484								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	BRYAN A. WONG								
Signature:	/Bryan A. Wong/								
Date:	11/05/2013								
Total Attachments: 2 source=Assignment_0012#page1.tif source=Assignment_0012#page2.tif									

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**ASSIGNMENT**

WHEREAS, we, Lee L. Sibik, residing at 1306 – 3<sup>rd</sup> Ave. N., Onalaska, Wisconsin 54650; Benjamin E. Dingel, residing at 2815 Lakeshore Dr., #7, La Crosse, Wisconsin 54603; and Harry Kenneth Ring, residing at 4887 State 76, Houston, Minnesota 55943, made certain new and useful inventions and improvements for which we filed a US Non-provisional application on October 16, 2013, that has application no. 14/055484 and which is entitled FLUID MANAGEMENT IN A HVAC SYSTEM.

AND WHEREAS, TRANE INTERNATIONAL INC., a corporation organized and existing under and by virtue of the laws of Delaware, and having an office and place of business at One Centennial Avenue, Piscataway, New Jersey 08855 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;


NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to any applications which have been or shall be filed, including all nonprovisionals, applications filed under the Patent Cooperation Treaty, divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and


the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of Oct, 2013.

  
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Inventor: Lee L. Sibik

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of October, 2013.

  
\_\_\_\_\_  
Inventor: Benjamin E. Dingel

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of Oct., 2013.

  
\_\_\_\_\_  
Inventor: Harry Kenneth Ring