# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4471236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
PAUL EDMUND HAINES	01/28/2015
THOMAS A FLETCHER	02/02/2015
BRYAN KINNEY	01/28/2015
JOHN C. OLSON	01/29/2015

## **RECEIVING PARTY DATA**

Name:	INGERSOLL-RAND COMPANY
Street Address:	800 E-BEATY STREET
City:	DAVIDSON
State/Country:	NORTH CAROLINA
Postal Code:	28036

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
PCT Number:	US2015067288

# **CORRESPONDENCE DATA**

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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.

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ATTORNEY DOCKET NUMBER:	18747WO01-INGE-011PCT
NAME OF SUBMITTER:	RUSSELL S. SALERNO
SIGNATURE:	/Russell S. Salerno/
DATE SIGNED:	06/21/2017

# **Total Attachments: 2**

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PATENT 504424536 REEL: 042771 FRAME: 0938

#### ASSIGNMENT

WHEREAS, we, Paul Edmund Haines of Maple Grove MN, Thomas A. Fletcher of St. Paul MN, Bryan Kinney of Stillwater MN, and John C. Olson of Shoreview MN, have made certain new and useful inventions and improvements for which we filed a U.S. Provisional Application on December 22, 2014, having application serial no. 62/095,381 and which is entitled OCCUPANCY SENSING AND BUILDING CONTROL USING MOBILE DEVICES;

AND WHEREAS, Ingersoll-Rand Company, a corporation organized and existing under and by virtue of the laws of New Jersey, US, and having an office and place of business at 800-E Beaty Street, Davidson, NC, US (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

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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 WHERE January, 20/5.	OF, I have hereunto set my hand this 28th day of  Paul Ednud Haines  Inventor: Paul Edmund Haines
IN TESTIMONY WHERE february, 20/5.	OF, I have hereunto set my hand this day of  And Allered Inventor: Thomas A. Fletcher
IN TESTIMONY WHERE	EOF, I have hereunto set my hand this day of Inventor: Bryan Kinney
IN TESTIMONY WHERE JANUARY , 20 15.	EOF, I have hereunto set my hand this 29 day of

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