

PATENT ASSIGNMENT

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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>Michael P. Hogan</td> <td>08/07/2013</td> </tr> <tr> <td>Howell H. Chiles</td> <td>08/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael P. Hogan	08/07/2013	Howell H. Chiles	08/17/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Ingersoll-Rand Company</td> </tr> <tr> <td>Street Address:</td> <td>800-D Beaty Street</td> </tr> <tr> <td>City:</td> <td>Davidson</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28036</td> </tr> </table>		Name:	Ingersoll-Rand Company	Street Address:	800-D Beaty Street	City:	Davidson	State/Country:	NORTH CAROLINA	Postal Code:	28036
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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>13978548</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13978548						
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CORRESPONDENCE DATA											
Fax Number: 4142770656 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 414-271-6560 Email: MKEIPDOCKET@MICHAELBEST.COM Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (IR Securit Address Line 1: 100 EAST WISCONSIN AVE Address Line 2: SUITE 3300 Address Line 4: MILWAUKEE, WISCONSIN 53202-4108											
ATTORNEY DOCKET NUMBER:	085485-9087-US00 #8021										
NAME OF SUBMITTER:	Jodi Anderson										
Signature:	/jodi anderson/										
Date:	08/27/2013										

OP \$40.00 13978548

Total Attachments: 4

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ASSIGNMENT

Pursuant to our obligation to Ingersoll-Rand Company (hereinafter referred to as "Assignee"), a New Jersey Company having its principal place of business at:

800-D Beaty Street
Davidson, NC 28036 U.S.A.

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,
we:

Michael P. Hogan
13190 Brookshire Parkway
Carmel, IN 46033

Howell H. Chiles
4665 Hidden River Drive
Colorado Springs, CO 80922

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

(1) in and to inventions described in a patent application titled DOOR LOCK INCLUDING SENSOR the specification of which was filed with my authority on January 10, 2011 as International Patent Application No. PCT/US2011/020698 (Atty. File No. 085485-9087-US00) (hereinafter the "PCT application"); and

(2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted.

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the PCT application.

We agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application. We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

07 AUG 2013
Date


Michael P. Hogan

Date

Howell H. Chiles

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Date

17-Aug-2013
Date

Michael P. Hogan

Howell H. Chiles
Howell H. Chiles