

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2714716

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>JONATHAN DOUGLAS</td> <td>02/04/2014</td> </tr> <tr> <td>ROBERT B. USELTON</td> <td>02/04/2014</td> </tr> </tbody> </table>		Name	Execution Date	JONATHAN DOUGLAS	02/04/2014	ROBERT B. USELTON	02/04/2014				
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JONATHAN DOUGLAS	02/04/2014										
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>LENNOX INDUSTRIES INC.</td> </tr> <tr> <td>Street Address:</td> <td>2140 LAKE PARK BLVD</td> </tr> <tr> <td>City:</td> <td>RICHARDSON</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75080</td> </tr> </table>		Name:	LENNOX INDUSTRIES INC.	Street Address:	2140 LAKE PARK BLVD	City:	RICHARDSON	State/Country:	TEXAS	Postal Code:	75080
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p>Phone: 202-457-6000</p> <p>Email: sasmith@pattonboggs.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: LENNOX INTERNATIONAL INC.</p> <p>Address Line 1: C/O PATTON BOGGS LLP</p> <p>Address Line 2: 2550 M STREET, NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	0200.0104PTUS										
NAME OF SUBMITTER:	ROBERT H. JOHNSTON III										
Signature:	/Robert H. Johnston III/										
Date:	02/05/2014										

PATENT

Total Attachments: 4

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**PATENT**

**REEL: 032148 FRAME: 0969**

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, by Jonathan Douglas and Robert B. Uselton (hereinafter referred to as Assignors), residing at 2520 Brandon Drive, Lewisville, TX; and 3325 Russell Circle, Plano, TX 75023, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in **SYSTEMS AND METHODS FOR REFRIGERANT CHARGE DETECTION**, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

**WHEREAS**, Lennox Industries Inc., having its principal place of business at 2140 Lake Park Blvd., Richardson, TX 75080 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire

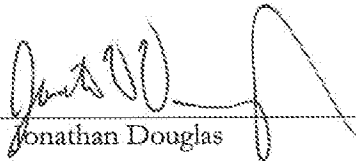
right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

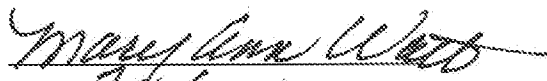
**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: Robert H. Johnston III (Reg. No. 37,364).

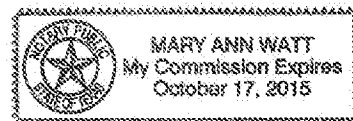
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 2/4/2014 Signature:   
Jonathan Douglas

THE STATE OF: Dallas §  
COUNTY OF: Dallas §

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 4th day of February, 2013.

Notary Public:   
State of: Texas  
My commission expires: Oct 17, 2015



Date: Feb 4, 2014

Signature: Robert B. Uselton  
Robert B. Uselton

THE STATE OF:  
COUNTY OF:

Dallas

§  
§

Before me personally appeared the above-identified individual and acknowledged that  
the foregoing assignment to be his voluntary act and deed on the 4th day of February  
2014, 2013.

Notary Public:

State of:

My commission expires:

Mary Ann Watt  
Texas  
Oct 17, 2015

