

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3353476

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL A. CASTILLO	05/14/2015
JAYPRAKASH CHARAVDA	05/14/2015
NGUYEN T. HO	05/14/2015
SUNIL K. KHIANI	05/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LENNOX INDUSTRIES INC.
<b>Street Address:</b>	2140 LAKE PARK BOULEVARD
<b>City:</b>	RICHARDSON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75080-2254
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14712066
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)661-4559
<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>	214.953.6500
<b>Email:</b>	ptomail1@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P.
<b>Address Line 1:</b>	2001 ROSS AVENUE
<b>Address Line 2:</b>	SUITE 600
<b>Address Line 4:</b>	DALLAS, TEXAS 75201-2980
<b>ATTORNEY DOCKET NUMBER:</b>	018635.0229
<b>NAME OF SUBMITTER:</b>	JUDY BAGGETT
<b>SIGNATURE:</b>	/judy baggett/
<b>DATE SIGNED:</b>	05/14/2015
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

**WHEREAS**, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, Lennox Industries Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address 2140 Lake Park Boulevard, Richardson, Texas 75080-2254, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO.  
018635.0229  
(P140142)

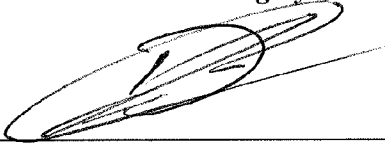
ASSIGNMENT

2 of 5

Title of Invention:

*Diagnosing and Troubleshooting a Heating,  
Ventilation, and Air Conditioning System*

Inventor's Signature:



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Full Name of Inventor:

Daniel A. Castillo

Residence (City, State)

Dallas, Texas

Date:

5/14/15

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018635.0229  
(P140142)

ASSIGNMENT

3 of 5

Title of Invention: *Diagnosing and Troubleshooting a Heating,  
Ventilation, and Air Conditioning System*

Inventor's Signature: Jayprakash Charavda

Full Name of Inventor: Jayprakash Charavda

Residence (City, State) Irving, Texas

Date: 5/14/2015

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018635.0229  
(P140142)

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4 of 5

Title of Invention:

*Diagnosing and Troubleshooting a Heating,  
Ventilation, and Air Conditioning System*

Inventor's Signature:



Full Name of Inventor:

Nguyen T. Ho

Residence (City, State)

Highland Village, Texas

Date:

May 14 2015

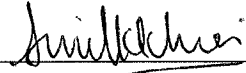
ATTORNEY DOCKET NO.  
018635.0229  
(P140142)

ASSIGNMENT

5 of 5

Title of Invention: *Diagnosing and Troubleshooting a Heating,  
Ventilation, and Air Conditioning System*

Inventor's Signature:

  
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Full Name of Inventor:

Sunil K. Khiani

Residence (City, State)

Plano, Texas

Date:

5/14/2015