

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5766377

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEI CHEN	12/18/2014
ZHIWEI YANG	12/18/2014
WARREN CLOUGH	12/22/2014
LARRY D. BURNS	01/08/2015
IVAN RYDKIN	01/05/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARRIER CORPORATION
<b>Street Address:</b>	ONE CARRIER PLACE
<b>City:</b>	FARMINGTON
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16599492
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)286-0115
<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>	8602862929
<b>Email:</b>	usptopatentmail@cantorcolburn.com
<b>Correspondent Name:</b>	CANTOR COLBURN LLP - CARRIER
<b>Address Line 1:</b>	20 CHURCH STREET, 22ND FLOOR
<b>Address Line 4:</b>	HARTFORD, CONNECTICUT 06103
<b>ATTORNEY DOCKET NUMBER:</b>	77219US03 (U300557USD)
<b>NAME OF SUBMITTER:</b>	DAVID A. FOX
<b>SIGNATURE:</b>	/David A. Fox/
<b>DATE SIGNED:</b>	10/11/2019
<b>Total Attachments: 5</b> source=8EK6258#page1.tif	

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## ASSIGNMENT

We, **Lei Chen** residing in South Windsor, Connecticut with a Business Address of 411 Silver Lane, East Hartford 06108 in the State of Connecticut and **Zhiwei Yang** residing in South Windsor, Connecticut with a Business Address of 411 Silver Lane, East Hartford 06108 in the State of Connecticut and **Warren Clough** residing in Cicero, New York with a Business Address of Carrier Parkway , TR-20, Syracuse, 13221 in the State of New York and **Larry D. Burns** residing in Avon, Indiana with a Business Address of 7310 W. Morris Street, Indianapolis 46231 in the State of Indiana and **Ivan Rydkin** residing in Rochester, New York with a Business Address of Carrier Parkway, Building TR-19, Syracuse 13221 in the State of New York; has/have invented certain improvements in a “**LEAK DETECTION UNIT FOR REFRIGERANT SYSTEM**”, and described in US Patent Application Serial No. 62/093,152, filed December 17, 2014, and International Application Docket No. **PA-0032285-US**, executed on even date herewith and listing as inventors **Lei Chen, Zhiwei Yang, Warren Clough, Larry D. Burns and Ivan Rydkin**, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses (\_\_\_\_\_) the international filing date and International Application number when known.

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to **Carrier Corporation** (hereinafter Assignee) of a Delaware, U.S.A. corporation, having a place of business at One Carrier Place, Farmington, Connecticut, United States of America 06032.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, our entire right, title and interest in and to:

said invention or inventions as described in the Application(s), in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application(s) and all applications filed in all countries and jurisdictions based thereon or otherwise for said invention or inventions, including direct or indirect nonprovisional of, divisional, continuation, continuation-in-part, or substitute applications, and including the right to file all said applications under the provisions of

the Paris Convention for the Protection of Industrial Property, Patent Cooperation Treaty or other international convention or agreement;

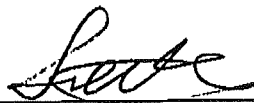
all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

to all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.


The undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.)   
Lei Chen

12-18-2014  
Date

(L.S.)   
Zhiwei Yang

12-18-2014  
Date

(L.S.) \_\_\_\_\_  
Warren Clough

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
Larry D. Burns

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
Ivan Rydkin

\_\_\_\_\_  
Date

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**Lei Chen**

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Zhiwei Yang**

\_\_\_\_\_  
Date

(L.S.) Warren Clough  
**Warren Clough**

\_\_\_\_\_  
Date 12/22/14

(L.S.) \_\_\_\_\_  
**Larry D. Burns**

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Ivan Rydkin**

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**Lei Chen**

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Zhiwei Yang**

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Warren Clough**

\_\_\_\_\_  
Date

(L.S.) *Larry D Burns*  
**Larry D. Burns**

*1/08/2015*  
Date

(L.S.) \_\_\_\_\_  
**Ivan Rydkin**

\_\_\_\_\_  
Date

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(L.S.) \_\_\_\_\_  
**Lei Chen**

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Zhiwei Yang**

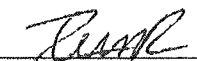
\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Warren Clough**

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
**Larry D. Burns**

\_\_\_\_\_  
Date

(L.S.)  \_\_\_\_\_  
**Ivan Rydkin**

\_\_\_\_\_  
Date 1/5/15