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# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DON A. SCHUSTER	02/09/2012
ADEYEMI A. ADEPETU	02/07/2012
RAJENDRA K SHAH	02/08/2012

# **RECEIVING PARTY DATA**

Name:	CARRIER CORPORATION
Street Address:	ONE CARRIER PLACE
City:	FARMINGTON
State/Country:	CONNECTICUT
Postal Code:	06034

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15834494

# **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email:usptopatentmail@cantorcolburn.comCorrespondent Name:CANTOR COLBURN LLP - CARRIERAddress Line 1:20 CHURCH STREET, 22ND FLOORAddress Line 4:HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	58838US03 (U300069USD)	
NAME OF SUBMITTER:	DAVID A. FOX	
SIGNATURE:	/David A. Fox/	
DATE SIGNED:	12/07/2017	

**Total Attachments: 4** 

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PATENT REEL: 044330 FRAME: 0486

#### **ASSIGNMENT**

We, Don A. Schuster of 19054 FM 1804, Lindale in the State of Texas 75771; Adeyemi A. Adepetu of 171 South Street, Apt. 9B, Jamaica Plain in the State of Massachusetts 02130; and, Rajendra K. Shah of 5809 Dapple Trace, Indianapolis in the State of Indiana 46228; has/have invented certain improvements in a "DISCHARGE PRESSURE CALCULATION FROM TORQUE IN AN HVAC SYSTEM," and described in US Patent Application Serial No. 61/580,683, filed December 28, 2011, and International Application Docket No. PA-0017344-WO, executed on even date herewith and listing as inventors: Don A. Schuster, Adeyemi A. Adepetu and Rajendra K. Shah, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses (PCT/US12/71145 filed December 21, 2012) 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) a Delaware, U.S.A. Corporation, having a place of business at One Carrier Place, Farmington, Connecticut, United States of America 06034.

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;

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PATENT REEL: 044330 FRAME: 0487 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.) In A. Shush	2/9/12
Don A. Schuster	Date
(L.S.) Adeyemi A. Adepetu	$\frac{02/07/2012}{\text{Date}}$
(L,S,)	
Rajendra K. Shah	Date

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#### ASSIGNMENT

We, Don A. Schuster of 19054 FM 1804, Lindale in the State of Texas 75771; Adeyemi A. Adepetu of 171 South Street, Apt. 9B, Jamaica Plain in the State of Massachusetts 02130; and, Rajendra K. Shah of 5809 Dapple Trace, Indianapolis in the State of Indiana 46228; has/have invented certain improvements in a "DISCHARGE PRESSURE CALCULATION FROM TORQUE IN AN HVAC SYSTEM," and described in US Patent Application Serial No. 61/580,683, filed December 28, 2011, and International Application Docket No. PA-0017344-WO, executed on even date herewith and listing as inventors: Don A. Schuster, Adeyemi A. Adepetu and Rajendra K. Shah, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses (PCT/US12/71145 filed December 21, 2012) the international filing date and International Application number when known.

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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;

1 of 2

PATENT REEL: 044330 FRAME: 0489 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.

Don A. Schuster

Date

 $\frac{02/07/2012}{\text{Date}}$   $\frac{2/8/2012}{}$ 

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