

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PARMESH VERMA	11/07/2011
FREDERICK J. COGSWELL	11/04/2011
THOMAS D. RADCLIFF	11/04/2011
MOHSEN FARZAD	11/04/2011
VLADIMIR BLASKO	12/02/2011
JULES R. MUNOZ	11/28/2011
SESHADRI SIVAKUMAR	11/03/2011
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:	14348531
CORRESPONDENCE DATA	
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Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	PA-0015201-US-AA
NAME OF SUBMITTER:	PAUL L. MARSHALL
SIGNATURE:	/Paul Marshall/
DATE SIGNED:	03/28/2014
Total Attachments: 6	

PATENT

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ASSIGNMENT

We, **Parmesh Verma** of **39 Buckland Street, Apt. #11132, Manchester** in the State of **Connecticut**, **Frederick J. Cogswell** of **68 Stancliff Road, Glastonbury** in the State of **Connecticut**, **Thomas D. Radcliff** of **64 Sutton Drive, Vernon** in the State of **Connecticut**, **Mohsen Farzad** of **190 Butler Drive, Glastonbury** in the State of **Connecticut**, **Vladimir Blasko** of **8 Anvil Drive, Avon** in the State of **Connecticut**, **Jules R. Munoz** of **1 Arrowwood Circle, South Windsor** in the State of **Connecticut**, and **Seshadri Sivakumar** of **5932 McCulloch Court, Halifax** in the Province of **Nova Scotia, Canada**; has/have invented certain improvements in a "**HIGH EFFICIENCY REFRIGERATION SYSTEM**", and described in US Patent Application Serial No.61/541,544, filed September 30, 2011, and International Application Docket No.PA-0012501-WO, executed on even date herewith and listing as inventors: **Parmesh Verma, Frederick J. Cogswell, Thomas D. Radcliff, Mohsen Farzad, Vladimir Blasko, Jules R. Munoz and Seshadri Sivakumar**, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses (PCT/US2012/057549 filed September 27, 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; and

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

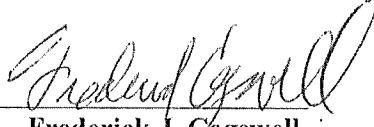
The undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

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.

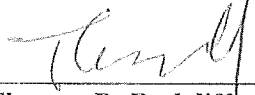
IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.) 
Parmesh Verma

11/07/11
Date

(L.S.) 
Frederick J. Cogswell

11/4/2011
Date

(L.S.) 
Thomas D. Radcliff

11/09/2011
Date

(L.S.) Mohsen Farzad
Mohsen Farzad

Nov. 4 2011
Date

(L.S.) Vladimir Blasko
Vladimir Blasko

Nov Dec 2, 2011
Date

(L.S.) Jules R. Munoz
Jules R. Munoz

Nov 28, 2011
Date

(L.S.) _____
Seshadri Sivakumar

Date

ASSIGNMENT

We, **Parmesh Verma** of **39 Buckland Street, Apt. #11132, Manchester** in the State of **Connecticut**, **Frederick J. Cogswell** of **68 Stancliff Road, Glastonbury** in the State of **Connecticut**, **Thomas D. Radcliff** of **64 Sutton Drive, Vernon** in the State of **Connecticut**, **Mohsen Farzad** of **190 Butler Drive, Glastonbury** in the State of **Connecticut**, **Vladimir Blasko** of **8 Anvil Drive, Avon** in the State of **Connecticut**, **Jules R. Munoz** of **1 Arrowwood Circle, South Windsor** in the State of **Connecticut**, and **Seshadri Sivakumar** of **5932 McCulloch Court, Halifax** in the Province of **Nova Scotia, Canada**; has/have invented certain improvements in a **"HIGH EFFICIENCY REFRIGERATION SYSTEM"**, and described in US Patent Application Serial No.61/541,544, filed September 30, 2011, and International Application Docket No.**PA-0012501-WO**, executed on even date herewith and listing as inventors: **Parmesh Verma, Frederick J. Cogswell, Thomas D. Radcliff, Mohsen Farzad, Vladimir Blasko, Jules R. Munoz and Seshadri Sivakumar**, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses (PCT/US2012/057549 filed September 27, 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; 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.) _____
Parmesh Verma

Date

(L.S.) _____
Frederick J. Cogswell

Date

(L.S.) _____
Thomas D. Radcliff

Date

(L.S.) _____
Mohsen Farzad

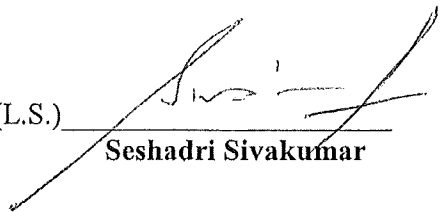
Date

(L.S.) _____
Vladimir Blasko

Date

(L.S.) _____
Jules R. Munoz

Date

(L.S.)  _____
Seshadri Sivakumar

3 Nov 2011
Date