

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Lucy Yi Liu</td> <td>03/19/2010</td> </tr> <tr> <td>Suresh Duraisamy</td> <td>03/19/2010</td> </tr> <tr> <td>Gilbert B. Hofsdal</td> <td>03/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	Lucy Yi Liu	03/19/2010	Suresh Duraisamy	03/19/2010	Gilbert B. Hofsdal	03/19/2010
Name	Execution Date								
Lucy Yi Liu	03/19/2010								
Suresh Duraisamy	03/19/2010								
Gilbert B. Hofsdal	03/19/2010								
RECEIVING PARTY DATA									
Name:	Carrier Corporation								
Street Address:	One Carrier Place								
City:	Farmington								
State/Country:	CONNECTICUT								
Postal Code:	06034								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13576222</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13576222				
Property Type	Number								
Application Number:	13576222								
CORRESPONDENCE DATA									
Fax Number:	8602860115								
Phone:	8602862929								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Cantor Colburn LLP - Carrier								
Address Line 1:	20 Church Street, 22nd Floor								
Address Line 4:	Hartford, CONNECTICUT 06103								
ATTORNEY DOCKET NUMBER:	PA-0012312-US-AA								
NAME OF SUBMITTER:	William W. Habelt								
Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif									

CH \$40.00 13576222

ASSIGNMENT

We, Lucy Y. Liu, Suresh Duraisamy, and Gilbert B. Hofsdal, believe that we are the inventors of the subject matter disclosed in the application for patent (hereinafter "the invention or inventions") identified herein as

Defrost Operations And Apparatus For A Transport Refrigeration System

and further identified by Attorney Docket Number 210-1214 Pro (12312).

- for which the undersigned has executed an application for patent in the United States of America on March 8, 2010 and has been assigned U. S. Provisional Patent Application No. 61/311,612.
- for which an International application for patent under the Patent Cooperation Treaty ("PCT") was filed on _____ in the Receiving Office of the United States Patent and Trademark Office and has been assigned Serial No. _____.

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, transfer and set over to Carrier Corporation, a corporation incorporated in the State of Delaware, and having a principal place of business at One Carrier Place, Farmington, CT 06034, (hereinafter designated as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the application for patent identified herein (the "application") in the United States, its territories, dependencies and possessions, his or her entire right, title, and interest in the application, and his or her entire right, title and interest in the invention or inventions as regards all other national jurisdictions and international entities that have the power to grant patents, wherever situated, including without limitation all applications for patent which claim priority to and/or the benefit of the subject matter disclosed in the application for patent identified herein, including any provisional application, utility application, design application, and/or plant application, as well as any continuation application, divisional application, continuation-in-part application, reissue application, reexamination application, patent interference proceeding, foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

In addition to the above assignment, each of the undersigned agrees to execute all papers necessary in connection with the application and any continuing applications, divisional applications, or continuations-in-part thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

Each of the undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

Each of the undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.


Each of the undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent to the Assignee.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed and will not execute, any agreement in conflict herewith.

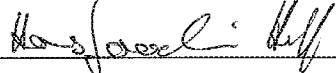
Each of the undersigned hereby grants to any duly empowered legal representative, including specifically all patent practitioners associated with the Customer No. 20874, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

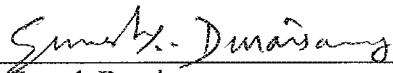
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date 3/19/2010 Signature 

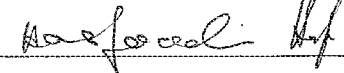
Lucy Y. Liu
5003 Saddlebrook Drive
Fayetteville, NY 13066

Date 3/19/2010 Notary/Witness 

Date _____ Notary/Witness _____

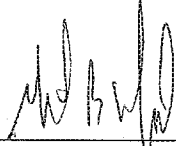
Date 3/19/2010 Signature 

Suresh Duraisamy
4046 Plum Yew Circle
Liverpool, NY 13090

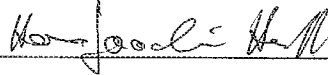
Date 3/19/2010 Notary/Witness 

Date _____ Notary/Witness _____

Date 3/19/10

Signature 
Gilbert B. Hofsdal
2381 Old Route 5
Chittenango, NY 13037

Date 3/19/2020

Notary/Witness 

Date _____

Notary/Witness _____