504378595 05/22/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARWAN CHAMOUN	12/10/2014
RUELLO RUBINO	12/10/2014

RECEIVING PARTY DATA

Name:	CARRIER S.C.S.
Street Address:	ROUTE DE THIL
City:	MONTLUEL
State/Country:	FRANCE
Postal Code:	01120

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15528681

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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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:	79117US01 (U300548US)	
NAME OF SUBMITTER:	DAVID A. FOX	
SIGNATURE:	/David A. Fox/	
DATE SIGNED:	05/22/2017	

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PATENT 504378595 REEL: 042459 FRAME: 0083

ASSIGNMENT

We, Marwan Chamoun residing in Lyon, France with a Business Address of Route de Thil, B.P. 49, Montluel, Ain 01122 in the Country of France and Ruello Rubino residing in St. Didier de Formans, France with a Business Address of Route de Thil, B.P. 49, Montluel, Ain 01122 in the Country of France; have invented certain improvements in a "SYSTEMS AND METHODS FOR FREE AND POSITIVE DEFROST", and described in International Application No. PCT/FR2014/053010, filed November 24, 2014 and listing as inventors: Marwan Chamoun and Ruello Rubino (hereinafter the Application).

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to **Carrier S.C.S.** (hereinafter Assignee) a limited partnership organized and established under the laws of France, with registered office at Route de Thil, 01120 Montluel, France, registered with the Registry of Commerce and Companies of Bourg-en-Bresse under number 483 018 370.

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, in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application and all applications filed in all countries and jurisdictions based thereon or otherwise for said invention or inventions, including direct or indirect 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

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

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PA-0034350-WO PATENT

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.

Marwan Chamoun

Dec. 10. 2014 Date

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RECORDED: 05/22/2017