

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5368157

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARYN SHAPIRO	02/27/2018
THOMAS DEWOLF	02/21/2018
DANIEL L. WASER	04/02/2018
RECEIVING PARTY DATA	
Name:	CARRIER CORPORATION
Street Address:	13995 PASTEUR BLVD.
City:	PALM BEACH GARDENS
State/Country:	FLORIDA
Postal Code:	33418
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16271594
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	8602862929
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP - CARRIER
Address Line 1:	20 CHURCH STREET, 22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	100412US02 (U301490US2)
NAME OF SUBMITTER:	TROY J. LAMONTAGNE
SIGNATURE:	/Troy J. LaMontagne/
DATE SIGNED:	02/08/2019
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, We, **Aryn Shapiro** of Carrier Parkway, Bldg TR19, Syracuse, NY 13221, **Thomas DeWolf** of 6304 Thompson Rd., Syracuse, NY 13221, and **Daniel L. Waser** of 6304 Thompson Rd., Syracuse, NY 13221, have invented certain improvements in

**POWER DISTRIBUTION FOR END-POINT FAILURE DETECTION AND RECOVERY FOR A
TRANSPORT REFRIGERATION SYSTEM**

identified as Attorney Docket No. 100412 and described in a patent application as further identified hereinbelow, and

WHEREAS, **Carrier Corporation**, (hereinafter "Assignee") a Delaware, U.S.A. corporation, having a place of business at 17900 Beeline Highway, Jupiter, Florida 33478, United States of America is desirous of acquiring the entire worldwide right, title and interest in and to said invention or inventions and any and all patents, utility models, design patents or other industrial property rights to be obtained therefore;

NOW, THEREFORE, in consideration of inventor compensation determined and paid in accordance with the UTC Climate Controls & Security Employee Inventor Compensation Award Policy, the undersigned does hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, to the extent owned or assignable by the undersigned, all right, title and interest in and to:

- said invention or inventions, as described in the aforesaid patent application, in any form or embodiment thereof, and in and to the aforesaid application;
- any application filed in any country, jurisdiction or other authority based thereon, including direct or indirect nonprovisional, divisional, continuation-in-part or substitute applications, and including the right to file said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Corporation Treaty or other international convention or agreement;
- any and all patents or reissues or extensions thereof to be obtained in any country, jurisdiction or other authority which may be filed upon said invention or inventions in any country or other authority;
- all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to Assignee or its successors and assigns.

The undersigned further agrees, to communicate to Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any 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 any country.

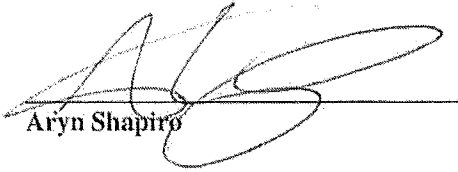
100412US01 (U301490US)

PATENT
REEL: 048283 FRAME: 0477

The undersigned hereby authorizes the Assignee to insert the application number and filing date of the above-noted international patent application into the following spaces, when known:

Application No. 62/628,092
Country or Receiving Office: US
Filing Date: February 8, 2018
Inventors: Aryn Shapiro, Thomas DeWolf and Daniel L. Waser

IN TESTIMONY WHEREOF, the undersigned has hereunto set her/his hand and seal on the date after her/his signature.


Aryn Shapiro

Date: 2/27/18

Thomas DeWolf

Date: _____

Daniel L. Waser

Date: _____

ASSIGNMENT

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- said invention or inventions, as described in the aforesaid patent application, in any form or embodiment thereof, and in and to the aforesaid application;
- any application filed in any country, jurisdiction or other authority based thereon, including direct or indirect nonprovisional, divisional, continuation-in-part or substitute applications, and including the right to file said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Corporation Treaty or other international convention or agreement;
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The undersigned further agrees, to communicate to Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any 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 any country.

100412US01 (U301490US)

PATENT
REEL: 048283 FRAME: 0479

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Aryn Shapiro

Date: _____



Thomas DeWolf

Date: 2/11/18

Daniel L. Waser

Date: _____

100412US01 (U301490US)

PATENT
REEL: 048283 FRAME: 0480

ASSIGNMENT

WHEREAS, We, **Aryn Shapiro** of Carrier Parkway, Bldg TR19, Syracuse, NY 13221, **Thomas DeWolf** of 6304 Thompson Rd., Syracuse, NY 13221, and **Daniel L. Waser** of 6304 Thompson Rd., Syracuse, NY 13221, have invented certain improvements in

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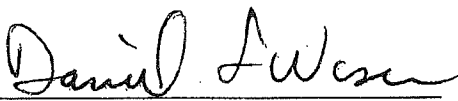
IN TESTIMONY WHEREOF, the undersigned has hereunto set her/his hand and seal on the date after her/his signature.

Aryn Shapiro

Date: _____

Thomas DeWolf

Date: _____



Daniel L. Waser

Date: 04-02-2018