

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5429682

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS DEWOLF	03/28/2018
RICHARD CLARK	04/09/2018
ROBERT A. CHOPKO	03/03/2018
CHRISTOPHER G. REPICE	04/09/2018
MICHAEL BALISTRERI	03/28/2018
JASON A. GOUGH	03/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARRIER CORPORATION
<b>Street Address:</b>	17900 BEELINE HIGHWAY
<b>City:</b>	JUPITER
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33478
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16357939
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	8602862929
<b>Email:</b>	usptopatentmail@cantorcolburn.com
<b>Correspondent Name:</b>	CANTOR COLBURN LLP - CARRIER
<b>Address Line 1:</b>	20 CHURCH STREET, 22ND FLOOR
<b>Address Line 4:</b>	HARTFORD, CONNECTICUT 06103
<b>ATTORNEY DOCKET NUMBER:</b>	100513US02 (U301525US2)
<b>NAME OF SUBMITTER:</b>	T. DAVID BOMZER
<b>SIGNATURE:</b>	/T. David Bomzer/
<b>DATE SIGNED:</b>	03/19/2019
<b>Total Attachments: 12</b>	

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### ASSIGNMENT

WHEREAS, We, **Thomas Dewolf** of 6304 Thompson Road, Syracuse, NY 13221, **Richard Clark** of Carrier Parkway, P.O. Box 4805, Syracuse, NY 13221, **Robert A. Chopko** of P.O. Box 4805, Carrier Parkway, TR20, Syracuse, NY 13221, **Christopher G. Repice** of 6304 Thompson Road, TR20 Syracuse, NY 1322, **Michael Balistreri** of 6304 Thompson Road, TR20, Syracuse, NY 13221, and **Jason A. Gough** of P.O. Box 4805, Carrier Parkway, TR20 Syracuse, NY 13221, have invented certain improvements in

### **MITIGATION OF RESONANCE IN A TRANSPORT REFRIGERATION UNIT**

identified as Attorney Docket No. 100513 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.

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. 62/644,822  
Country or Receiving Office: US  
Filing Date: March 19, 2018  
Inventors: Thomas Dewolf, Richard Clark, Robert A. Chopko,  
Christopher G. Repice, Michael Balistreri, Jason A. Gough

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

  
THOMAS DEWOLF

Date: 3/28/18

\_\_\_\_\_  
RICHARD CLARK

Date: \_\_\_\_\_

\_\_\_\_\_  
ROBERT A. CHOPKO

Date: \_\_\_\_\_

\_\_\_\_\_  
CHRISTOPHER G. REPICE

Date: \_\_\_\_\_

\_\_\_\_\_  
MICHAEL BALISTRERI

Date: \_\_\_\_\_

100513US01 (U301525US)

## ASSIGNMENT

WHEREAS, We, **Thomas Dewolf** of Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221, **Richard Clark** of Carrier Parkway, P.O. Box 4805, Syracuse, NY 13221, **Robert A. Chopko** of P.O. Box 4805, Carrier Parkway, TR20, Syracuse, NY 13221, **Christopher G. Repice** of 6304 Thompson Road, TR20 Syracuse, NY 1322, **Michael Balistreri** of 6304 Thompson Road, TR20, Syracuse, NY 13221, and **Jason A. Gough** of P.O. Box 4805, Carrier Parkway, TR20 Syracuse, NY 13221, have invented certain improvements in

### MITIGATION OF RESONANCE IN A TRANSPORT REFRIGERATION UNIT

identified as Attorney Docket No. **100513** and described in a patent application as further identified hereinbelow, and

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Country or Receiving Office: US  
Filing Date: March 19, 2018  
Inventors: Thomas Dewolf, Richard Clark, Robert A. Chopko,  
Christopher G. Repice, Michael Balistreri, Jason A. Gough

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

\_\_\_\_\_  
THOMAS DEWOLF

Date: \_\_\_\_\_

  
\_\_\_\_\_  
RICHARD CLARK

Date: 4/9/18

\_\_\_\_\_  
ROBERT A. CHOPKO

Date: \_\_\_\_\_

\_\_\_\_\_  
CHRISTOPHER G. REPICE

Date: \_\_\_\_\_

\_\_\_\_\_  
MICHAEL BALISTRERI

Date: \_\_\_\_\_

100513US01 (U301525US)

## ASSIGNMENT

WHEREAS, We, **Thomas Dewolf** of Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221, **Richard Clark** of Carrier Parkway, P.O. Box 4805, Syracuse, NY 13221, **Robert A. Chopko** of P.O. Box 4805, Carrier Parkway, TR20, Syracuse, NY 13221, **Christopher G. Repice** of 6304 Thompson Road, TR20 Syracuse, NY 1322, **Michael Balistreri** of 6304 Thompson Road, TR20, Syracuse, NY 13221, and **Jason A. Gough** of P.O. Box 4805, Carrier Parkway, TR20 Syracuse, NY 13221, have invented certain improvements in

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100513US01 (U301525US)

**PATENT**  
**REEL: 048639 FRAME: 0805**

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Application No. 62/644,822  
Country or Receiving Office: US  
Filing Date: March 19, 2018  
Inventors: Thomas Dewolf, Richard Clark, Robert A. Chopko,  
Christopher G. Repice, Michael Balistreri, Jason A. Gough

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\_\_\_\_\_  
THOMAS DEWOLF

Date: \_\_\_\_\_

\_\_\_\_\_  
RICHARD CLARK

Date: \_\_\_\_\_

  
\_\_\_\_\_  
ROBERT A. CHOPKO

Date: 5/3/2015

\_\_\_\_\_  
CHRISTOPHER G. REPICE

Date: \_\_\_\_\_

\_\_\_\_\_  
MICHAEL BALISTRERI

Date: \_\_\_\_\_

100513US01 (U301525US)

PATENT  
REEL: 048639 FRAME: 0806



## ASSIGNMENT

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100513US01 (U301525US)

**PATENT**  
**REEL: 048639 FRAME: 0807**

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Country or Receiving Office: US  
Filing Date: March 19, 2018  
Inventors: Thomas Dewolf, Richard Clark, Robert A. Chopko,  
Christopher G. Repice, Michael Balistreri, Jason A. Gough

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\_\_\_\_\_  
**THOMAS DEWOLF**

Date: \_\_\_\_\_

\_\_\_\_\_  
**RICHARD CLARK**

Date: \_\_\_\_\_

\_\_\_\_\_  
**ROBERT A. CHOPKO**

Date: \_\_\_\_\_

  
\_\_\_\_\_  
**CHRISTOPHER G. REPICE**

Date: 4/9/2018

\_\_\_\_\_  
**MICHAEL BALISTRERI**

Date: \_\_\_\_\_

100513US01 (U301525US)

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\_\_\_\_\_  
**THOMAS DEWOLF**

Date: \_\_\_\_\_

\_\_\_\_\_  
**RICHARD CLARK**

Date: \_\_\_\_\_

\_\_\_\_\_  
**ROBERT A. CHOPKO**

Date: \_\_\_\_\_

\_\_\_\_\_  
**CHRISTOPHER G. REPICE**

Date: \_\_\_\_\_

  
\_\_\_\_\_  
**MICHAEL BALISTRERI**

Date: 28 March 2018

100513US01 (U301525US)

**PATENT**  
**REEL: 048639 FRAME: 0810**

## ASSIGNMENT

WHEREAS, We, **Thomas Dewolf** of Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221, **Richard Clark** of Carrier Parkway, P.O. Box 4805, Syracuse, NY 13221, **Robert A. Chopko** of P.O. Box 4805, Carrier Parkway, TR20, Syracuse, NY 13221, **Christopher G. Repice** of 6304 Thompson Road, TR20 Syracuse, NY 1322, **Michael Balistreri** of 6304 Thompson Road, TR20, Syracuse, NY 13221, and **Jason A. Gough** of P.O. Box 4805, Carrier Parkway, TR20 Syracuse, NY 13221, have invented certain improvements in

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100513US01 (U301525US)

**PATENT**  
**REEL: 048639 FRAME: 0811**

*Jason A. Gough*  
JASON A. GOUGH

Date: 3/27/2018

100513US01 (U301525US)

RECORDED: 03/19/2019

PATENT  
REEL: 048639 FRAME: 0812