

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2906727

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL F. TARAS	06/11/2014
KEONWOO LEE	06/11/2014
MARK J. PERKOVICH	06/11/2014
SURESH DURAISAMY	06/11/2014
XUQIANG LIAO	06/18/2014
CLAUS E. JORGENSEN	06/11/2014
ARNE F. HANSEN	06/11/2014
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:	14117404
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:	PA-0017690-US-AA
NAME OF SUBMITTER:	DAVID A. FOX
SIGNATURE:	/David A. Fox/
DATE SIGNED:	06/20/2014
Total Attachments: 9	

PATENT

source=76X4119#page1.tif

source=76X4119#page2.tif

source=76X4119#page3.tif

source=76X4119#page4.tif

source=76X4119#page5.tif

source=76X4119#page6.tif

source=76X4119#page7.tif

source=76X4119#page8.tif

source=76X4119#page9.tif

ASSIGNMENT

We, **Michael F. Taras** residing in Fayetteville, NY with a Business Address of 6304 Thompson Road, Syracuse, 13221 in the State of NY; **KeonWoo Lee** residing in Manlius, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **Mark J. Perkovich** residing in Fayetteville, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **Suresh Duraisamy** residing in Liverpool, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **XuQiang Liao** residing in Manlius, NY with a Business Address of 6304 Thompson Road, Syracuse, 13221 in the State of NY; **Claus E. Jorgensen** residing in Benediktesvej 86, 6320 Egersund, in the Country of Denmark; and **Arne F. Hansen** residing in Graevlingevej3, 6300 Grassten, in the Country of Denmark; have invented certain improvements in a "VARIABLE FREQUENCY DRIVE HEAT SINK ASSEMBLY", and described in U.S. Patent Application Serial No. 61/487,078, filed May 17, 2011, International Application No. PCT/US2012/034386 filed April 20, 2012, and U.S. Patent Application Serial No. 14/117,404 filed November 13, 2013 and listing as inventors: **Michael F. Taras; KeonWoo Lee; Mark J. Perkovich; Suresh Duraisamy; ZuQiang Liao; Claus E. Jorgensen and Arne F. Hansen**, (hereinafter the Application(s)).

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to **Carrier Corporation** (hereinafter Assignee) of One Carrier Place, Farmington, Connecticut 06034, 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.) Michael F. Taras
Michael F. Taras

06/11/2014
Date

(L.S.) Keon Woo Lee
Keon Woo Lee

6/11/2014
Date

(L.S.) Mark J. Perkovich
Mark J. Perkovich

6/11/14
Date

(L.S.) Suresh Duraisamy
Suresh Duraisamy

6/11/14
Date

(L.S.) XuQiang Liao
XuQiang Liao

6/18/14
Date

(L.S.) _____
Claus E. Jorgensen

Date

(L.S.) _____
Arne F. Hansen

Date

ASSIGNMENT

We, **Michael F. Taras** residing in Fayetteville, NY with a Business Address of 6304 Thompson Road, Syracuse, 13221 in the State of NY; **KeonWoo Lee** residing in Manlius, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **Mark J. Perkovich** residing in Fayetteville, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **Suresh Duraisamy** residing in Liverpool, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **XuQiang Liao** residing in Manlius, NY with a Business Address of 6304 Thompson Road, Syracuse, 13221 in the State of NY; **Claus E. Jorgensen** residing in Benediktesvej 86, 6320 Egernsund, in the Country of Denmark; and **Arne F. Hansen** residing in Graevlingevej3, 6300 Grassten, in the Country of Denmark; have invented certain improvements in a "VARIABLE FREQUENCY DRIVE HEAT SINK ASSEMBLY", and described in U.S. Patent Application Serial No. 61/487,078, filed May 17, 2011, International Application No. PCT/US2012/034386 filed April 20, 2012, and U.S. Patent Application Serial No. 14/117,404 filed November 13, 2013 and listing as inventors: **Michael F. Taras; KeonWoo Lee; Mark J. Perkovich; Suresh Duraisamy; ZuQiang Liao; Claus E. Jorgensen and Arne F. Hansen**, (hereinafter the Application(s)).

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to **Carrier Corporation** (hereinafter Assignee) of One Carrier Place, Farmington, Connecticut 06034, 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.) Michael F. Taras
Michael F. Taras

06/11/2014
Date

(L.S.) KeonWoo Lee
KeonWoo Lee

6/11/2014
Date

(L.S.) Mark J. Perkovich
Mark J. Perkovich

6/16/14
Date

(L.S.) Suresh Duraisamy
Suresh Duraisamy

6/11/14
Date

(L.S.) XuQiang Liao
XuQiang Liao

6/18/14
Date

(L.S.) _____
Claus E. Jorgensen

Date

(L.S.) _____
Arne F. Hansen

Date

ASSIGNMENT

We, **Michael F. Taras** residing in Fayetteville, NY with a Business Address of 6304 Thompson Road, Syracuse, 13221 in the State of NY; **KeonWoo Lee** residing in Manlius, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **Mark J. Perkovich** residing in Fayetteville, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **Suresh Duraisamy** residing in Liverpool, NY with a Business Address of 6304 Thompson Road, Syracuse 13221 in the State of NY; **XuQiang Liao** residing in Manlius, NY with a Business Address of 6304 Thompson Road, Syracuse, 13221 in the State of NY; **Claus E. Jorgensen** residing in Benedikttesvej 86, 6320 Egersund, in the Country of Denmark; and **Arne F. Hansen** residing in Graevlingevej3, 6300 Grassten, in the Country of Denmark; have invented certain improvements in a "VARIABLE FREQUENCY DRIVE HEAT SINK ASSEMBLY", and described in U.S. Patent Application Serial No. **61/487,078**, filed **May 17, 2011**, International Application No. **PCT/US2012/034386** filed **April 20, 2012**, and U.S. Patent Application Serial No. **14/117,404** filed **November 13, 2013** and listing as inventors: **Michael F. Taras; KeonWoo Lee; Mark J. Perkovich; Suresh Duraisamy; ZuQiang Liao; Claus E. Jorgensen and Arne F. Hansen**, (hereinafter the Application(s)).

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to **Carrier Corporation** (hereinafter Assignee) of One Carrier Place, Farmington, Connecticut 06034, 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.) _____
Michael F. Taras

Date

(L.S.) _____
KeonWoo Lee

Date

(L.S.) Mark J. Perkovich

Date

(L.S.) Suresh Duraisamy

Date

(L.S.) XuQiang Liao

Date

(L.S.) *Claus E. Jorgensen*
Claus E. Jorgensen

2014-06-11
Date

(L.S.) *Arne F. Hansen*
Arne F. Hansen

2014-06-11
Date