07/13/2016 503912662

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| MICHAEL SWAB | 01/22/2014 |

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: | 15111225 |

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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.

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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: | 74588US02(U300333US2) | |
|-------------------------|-----------------------|--|
| NAME OF SUBMITTER: | JAMES E. WIMPE | |
| SIGNATURE: | /James E. Wimpe/ | |
| DATE SIGNED: | 07/13/2016 | |

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> **PATENT REEL: 039144 FRAME: 0930** 503912662

ASSIGNMENT

I, Michael Swab, residing in Acworth, GA with a Business Address of 700 Olympic Drive, Athens 30601 in the State of GA; have invented certain improvements in a "FUEL REGENERATION USING WASTE HEAT OF REFRIGERATION UNIT", and described in US Patent Application Serial No. 61/926,545, filed January 13, 2014, and International Application Docket No. PA-0029239, executed on even date herewith and listing as inventor:

Michael Swab, (hereinafter the Application(s)) and for which International Application I authorize insertion post-execution here in parentheses (PCT/US2015/011114 January 13, 2015) the international filing date and International Application number when known.

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, CT 06034.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned has sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, my 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 authorizes and requests the issuing authorities in all countries

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and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

The undersigned further agrees, 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 has-hereunto set his hand and seal on the date after his signature.

Michael Swah

22 Tan 20 14
Date