

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|-----------------------------------|---------------|-----------------------------------|---------------------|--------------------|-------------------|------------|-------|---------|----------------|---------------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Victor F. Petrenko</td> <td>10/05/2009</td> </tr> <tr> <td>Fedor F. Petrenko</td> <td>11/05/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Victor F. Petrenko | 10/05/2009 | Fedor F. Petrenko | 11/05/2009 | | | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| Victor F. Petrenko | 10/05/2009 | | | | | | | | | | | | |
| Fedor F. Petrenko | 11/05/2009 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>The Trustees of Dartmouth College</td> </tr> <tr> <td>Street Address:</td> <td>11 Rope Ferry Road</td> </tr> <tr> <td>Internal Address:</td> <td>Room 6210</td> </tr> <tr> <td>City:</td> <td>Hanover</td> </tr> <tr> <td>State/Country:</td> <td>NEW HAMPSHIRE</td> </tr> <tr> <td>Postal Code:</td> <td>03755</td> </tr> </table> | | Name: | The Trustees of Dartmouth College | Street Address: | 11 Rope Ferry Road | Internal Address: | Room 6210 | City: | Hanover | State/Country: | NEW HAMPSHIRE | Postal Code: | 03755 |
| Name: | The Trustees of Dartmouth College | | | | | | | | | | | | |
| Street Address: | 11 Rope Ferry Road | | | | | | | | | | | | |
| Internal Address: | Room 6210 | | | | | | | | | | | | |
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| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12613299</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12613299 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12613299 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 497162 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Curtis A. Vock | | | | | | | | | | | | |
| Signature: | /Curtis A. Vock/ | | | | | | | | | | | | |

Date:

04/15/2013

Total Attachments: 2

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ASSIGNMENT

WHEREAS, We, **Victor F. Petrenko** of 4 Woodland Drive, Lebanon, New Hampshire 03766; a citizen of United States of America and **Fedor F. Petrenko** of 4 Woodland Drive, Lebanon, New Hampshire, a citizen of the United States of America have invented certain new and useful

**REFRIGERANT EVAPORATORS WITH PULSE-ELECTROTHERMAL
DEFROSTING**

for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, The Trustees of Dartmouth College, a Nonprofit Corporation Of Higher Education (103c) duly organized under the laws of the State of New Hampshire and having its principal place of business at 11 Rope Ferry Road, Room 6210, Hanover, New Hampshire 03755, is desirous of acquiring an interest in, to and under said invention, said application, and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Victor F. Petrenko and Fedor F. Petrenko, have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said The Trustees of Dartmouth College, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said application;
- (d) any and all Letters Patent of the United States of America, which may issue from said application, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;

Docket: 497162

(f) any and all applications for Letters Patent upon said invention, which may hereafter be filed in any and all countries foreign to the United States of America;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, Victor F. Petrenko and Fedor F. Petrenko further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to The Trustees of Dartmouth College or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

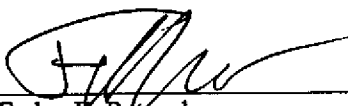
ALL of the above shall be held and enjoyed by said The Trustees of Dartmouth College, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

10/05/2009
Date:



Victor F. Petrenko

11/05/2009
Date:



Fedor F. Petrenko