

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3661269

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                   |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                       |
| <b>CONVEYING PARTY DATA</b>   |                                  |
| <b>Name</b>   | <b>Execution Date</b>            |
| PETER F. VANDERMEULEN   | 03/21/2011                       |
| JACK I. HANOKA  | 03/29/2011                       |
| <b>RECEIVING PARTY DATA</b>   |                                  |
| <b>Name:</b>  | 7AC TECHNOLOGIES, INC.           |
| <b>Street Address:</b>  | 100 CUMMINGS CENTER, SUITE 265G  |
| <b>City:</b>  | BEVERLY                          |
| <b>State/Country:</b>   | MASSACHUSETTS                    |
| <b>Postal Code:</b>   | 01915                            |
| <b>PROPERTY NUMBERS Total: 2</b>  |                                  |
| <b>Property Type</b>  | <b>Number</b>                    |
| <b>Application Number:</b>  | 14843334                         |
| <b>Application Number:</b>  | 14869504                         |
| <b>CORRESPONDENCE DATA</b>  |                                  |
| <b>Fax Number:</b>  | (617)832-7000                    |
| <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> |                                  |
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| <b>Email:</b>   | dmahoney@foleyhoag.com           |
| <b>Correspondent Name:</b>  | RAJESH VALLABH                   |
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| <b>Address Line 2:</b>  | FOLEY HOAG, LLP                  |
| <b>Address Line 4:</b>  | BOSTON, MASSACHUSETTS 02210-2600 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | STJ-614 & 615 (661)              |
| <b>NAME OF SUBMITTER:</b>   | DENISE M. MAHONEY                |
| <b>SIGNATURE:</b>   | /Denise M. Mahoney/              |
| <b>DATE SIGNED:</b>   | 12/16/2015                       |
| <b>Total Attachments: 2</b>   |                                  |
| source=STJ-00661 Assignment#page1.tif   |                                  |
| source=STJ-00661 Assignment#page2.tif   |                                  |

**ASSIGNMENT**

**WHEREAS** we, Peter F. Vandermeulen and Jack I. Hanoka, have made certain inventions or discoveries (or both) set forth in the following application for Letters Patent:

U.S. Provisional Patent Application Serial Number 61/430,692, which was filed on January 7, 2011, entitled **METHODS AND SYSTEMS FOR DESICCANT AIR CONDITIONING**, identified by Foley Hoag LLP Docket No. STJ-00661; and


**WHEREAS** 7AC Technologies, Inc., whose address is 92-94 Cummings Park, Woburn, Massachusetts 01801-2125, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

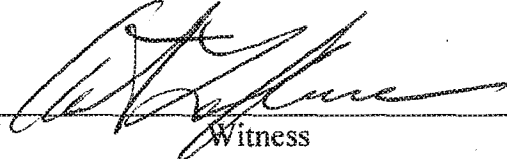
**NOW, THEREFORE**, for valuable consideration furnished by Assignee to us, the receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:


1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent setting forth said inventions and discoveries based in whole or in part upon said application, including all provisional, nonprovisional, divisional, renewal, substitute, continuation, continuation-in-part, reissue, Convention applications, national stage, regional stage, reexaminations, and extensions of Letters Patent, any Letters Patent issuing from any such applications, and every priority right that is or may be predicated upon or arise from said application and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or otherwise;
3. Authorize and request the Director of the United States Patent and Trademark Office and equivalent authorities in all other patent offices worldwide to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said applications or Letters Patent or any license to said applications or Letters Patent, and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to our or them, all acts reasonably serving to assure that the said inventions and discoveries, said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, declarations, and

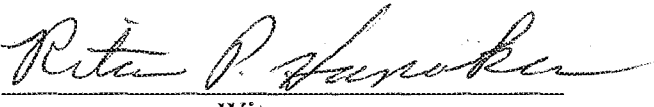
oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to our relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY OF WHICH we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

March 2011  
Date  
  
Peter F. Vandermeulen, Inventor

3/21/2011  
Date  
  
Witness  
ARTHUR LAFLAMME  
Witness's Printed Name

3/29/11  
Date  
  
Jack K Hanoka, Inventor

3/29/11  
Date  
  
Witness  
Rita P. Hanoka  
Witness's Printed Name