

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5811642

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER F. VANDERMEULEN	11/20/2014
MARK A. ALLEN	11/20/2014
ARTHUR LAFLAMME	11/21/2014
RECEIVING PARTY DATA	
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Street Address:	100 CUMMINGS CENTER, SUITE 265G
City:	BEVERLY
State/Country:	MASSACHUSETTS
Postal Code:	01915
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16653397
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	STJ-00806 (STJ-00860)
NAME OF SUBMITTER:	DENISE M. MAHONEY
SIGNATURE:	/Denise M. Mahoney/
DATE SIGNED:	11/08/2019
Total Attachments: 2	
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ASSIGNMENT

WHEREAS we, Peter F. Vandermeulen, Mark Allen, and Arthur Laflamme, have made certain inventions or discoveries (or both) set forth in the following application for Letters Patent:

U.S. Provisional Patent Application Serial Number 61/658205, which was filed on June 11, 2012, entitled METHODS AND SYSTEMS FOR TURBULENT, CORROSION RESISTANT HEAT EXCHANGERS; and

WHEREAS 7AC Technologies, Inc., whose address is 100 Cummings Center, Suite 265G, Beverly, Massachusetts 01915, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

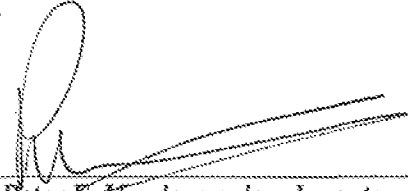
NOW, THEREFORE, for valuable consideration furnished by Assignee to us, the receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to (a) said inventions and discoveries, (b) know-how associated with said inventions and discoveries, (c) said application for Letters Patent, (d) 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, International applications, national stages, regional stages, reexaminations, and extensions of Letters Patent, (e) any Letters Patent issuing from any such applications and the right to sue for past infringement thereof and for provisional rights under 35 U.S.C. § 154(d) thereof, and (f) every priority right that is or may be predicated upon or arise from any such application or any such 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 us 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 us, 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 us relating to said inventions and

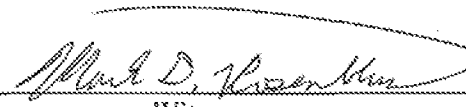
discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, 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.

Nov 20 2014
Date

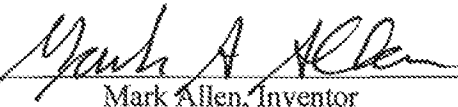

Peter F. Vandermeulen, Inventor

11/20/14
Date

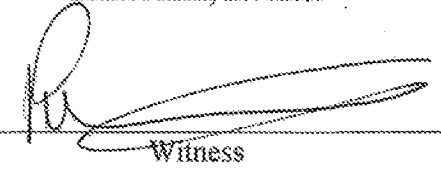

Witness

Mark D. Rosenblum
Witness's Printed Name

Nov 20 2014
Date


Mark Allen, Inventor

Nov 20 2014
Date

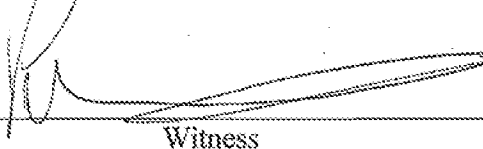

Witness

PETER VANDERMEULEN
Witness's Printed Name

Nov 21, 2014
Date


Arthur Laflamme, Inventor

Nov 21 2014
Date


Witness

PETER VANDERMEULEN
Witness's Printed Name