

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5807884

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAMI ALELYANI	06/15/2019
PATRICK PHELAN	06/13/2019
SHAHNAWAZ SINHA	06/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY
<b>Street Address:</b>	SKYSONG-SUITE 200
<b>Internal Address:</b>	1475 N. SCOTTSDALE ROAD
<b>City:</b>	SCOTTSDALE
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85257
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16379644
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)277-0656
<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>	
<b>Phone:</b>	4142716560
<b>Email:</b>	mkeipdocket@michaelbest.com
<b>Correspondent Name:</b>	MICHAEL BEST & FRIEDRICH LLP
<b>Address Line 1:</b>	100 E. WISCONSIN AVENUE
<b>Address Line 2:</b>	SUITE 3300
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	208192-9064-US02
<b>NAME OF SUBMITTER:</b>	JULIE A. HAUT
<b>SIGNATURE:</b>	/julie a. haut/
<b>DATE SIGNED:</b>	11/06/2019
<b>Total Attachments: 4</b>	
source=208192-9064-US02_Assignment_filed_11-6-19#page1.tif	

source=208192-9064-US02\_Assignment\_filed\_11-6-19#page2.tif

source=208192-9064-US02\_Assignment\_filed\_11-6-19#page3.tif

source=208192-9064-US02\_Assignment\_filed\_11-6-19#page4.tif

**PATENT**

**REEL: 050938 FRAME: 0068**

## ASSIGNMENT

Pursuant to our obligation to Arizona Board of Regents on behalf of Arizona State University (hereinafter referred to as "Assignee"), a non-profit university having its principal place of business at:

Skysong-Suite 200  
1475 N. Scottsdale Road  
Scottsdale, AZ 85257

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Sami Alelyani  
1100 E. Lemon St  
Tempe, AZ 85281

Patrick Phelan  
1532 N. Randolph St.  
Arlington, VA 22207

Shahnawaz Sinha  
3250 S. Arizona Avenue, #2025  
Chandler, AZ 85248

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to inventions described in a patent application titled "SOLAR ADSORPTION HEAT PUMP AND EVACUATED TUBE ADSORPTION HEAT PUMP AND DESALINATION SYSTEM" for which we filed United States Patent Application No. 16/379,644, on April 9, 2019, which claims priority to United States Provisional Patent Application No. 62/654,935, filed on April 9, 2018 (Atty. File No. 208192-9064-US02)

(2) in and to the U.S. patent applications, in and to all other patent applications (including divisional, continuation, continuation-in-part, and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and


(4) under the International Convention in respect to the U.S. provisional patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of the Assignee with a claim to priority based on the U.S. provisional patent application.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

6/15/2019

Date



Sami Alelyani

Date

Patrick Phelan

Date

Shahnawaz Sinha

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

\_\_\_\_\_  
Date

June 13, 2019  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Sami Alelyani

  
\_\_\_\_\_  
Patrick Phelan

\_\_\_\_\_  
Shahnawaz Sinha

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Sami Alelyani

\_\_\_\_\_  
Date

\_\_\_\_\_  
Patrick Phelan

\_\_\_\_\_  
June 13, 2019

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Shahnawaz Sinha