504346127 05/01/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4392815

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANNON OLGA WHITE	04/04/2014
NICHOLAS ANTHONY ZAFIROPOULOS	04/04/2014
JIMMY LEE CLARK	04/07/2014

RECEIVING PARTY DATA

Name:	Aspen Aerogels, Inc.	
Street Address:	30 Forbes Road, Bldg B	
Internal Address:	IP Department	
City:	Northborough	
State/Country:	MASSACHUSETTS	
Postal Code:	01532	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15419633

CORRESPONDENCE DATA

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Correspondent Name: MARK HANSON

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Address Line 4: NORTHBOROUGH, MASSACHUSETTS 01532

ATTORNEY DOCKET NUMBER:	1082-04	
NAME OF SUBMITTER:	MARK HANSON	
SIGNATURE:	/Mark Hanson/	
DATE SIGNED:	05/01/2017	

Total Attachments: 5

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> PATENT REEL: 042196 FRAME: 0336

ASSIGNMENT

We: Shannon Olga White, 12 Dover Circle, Hudson, MA; Nicholas Anthony Zafiropoulos, 282 Main St, Wayland, MA; and Jimmy Lee Clark, 23457 Wincrest Place, Newhall, CA; for good and valuable consideration from Aspen Aerogels, Inc., having its principal place of business at 30 Forbes Rd, Building B, Northborough, MA 01532 (hereinafter called the Assignee), receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under: (i) an application for a Letters Patent of the United States Serial No. 14/202,873 filed on March 10, 2014 for "AEROGEL INSULATION PANELS AND MANUFACTURING THEREOF"; and (ii) an International PCT application No. PCT/US14/22812 titled "AEROGEL INSULATION PANELS AND MANUFACTURING THEREOF" filed on March 10, 2014; priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent and any related intellectual property.

And for the above consideration, we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agree to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant ASPEN AEROGELS INC., 30 Forbes Road, Northborough MA 01532, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

I, SHANNON CLEAWHITE, hereunto set my hand and seal this 42 day of	
APRIL, 2018. 14 cm Shannon Olga White	
Commonwealth of Massachusetts County of WORLESTER ss.	
Before me this 4th day of APRIL, 2013, personally appeared SHANNON OLGA WHITE, who is to me personally known, and acknowledge	ed
the foregoing instrument of assignment to be his free act and deed. Value of Morressin	المن
Notary Public	-

I, NICHOLAS ANTHONY ZAFIROPOULOS hereunto set my hand and seal this 42 day of
APRIL, 2018. Here
Nicholas Anthony Zafiropoulos
Commonwealth of Massachusetts
County of WORCESTER ss.
Before me this 4 Th day of APEIL, 2018, personally appeared
NICHOLAS ANTHONY ZAFIROPOULOS, who is to me personally known, and acknowledged
the foregoing instrument of assignment to be his free act and deed.
Patricial Morresson
Notary Public

I, Jimmy L. CL	カル, hereunto	set my hand and seal thisday of	
April ,2	013. 2014 Ju	Jummis L. Clauk Jimmy Lee Glark	ş
State of California			
County of	SS.	2014 FRC.	
Before me this		, 2013, personally appeared , who is to me personally known, and acknowledg	ed
the foregoing instrument	of and and to lea		
not	ary Doc	Notary Public	

State of California	
County of Los Angeles	**************************************
On 7 April 2014 before me, A	Here Insert Name and Title of the Officer
nersonally appeared Ji MMY L.	e Clark
personally appeared	Name(s) of Signer(s)
HEATHER KIM Commission # 1919203 Notary Public - California Los Angeles County My Comm. Fabros	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(jes), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
My Comm. Expires Jan 23, 2015	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.
Place Notary Seal Above	Signature: Signature of Notary Public
Though this section is optional, completing	OPTIONAL/————————————————————————————————————
Description of Attached Document	
Title or Type of Document: $ASSignW$	1002 Document Date: 4-7-2014
Number of Pages: FOOK Signer(s) Other	Than Named Above:
Capacity(ies) Claimed by Signer(s) Signer's Name:	Signer's Name:
Corporate Officer — Title(s):	
☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:	Other:
Signer Is Representing:	

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

PATENT REEL: 042196 FRAME: 0341

RECORDED: 05/01/2017