

## PATENT ASSIGNMENT COVER SHEET

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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>
WENTING DONG	11/22/2011
WENDELL E RHINE	11/22/2011
DECIO COUTINHO	11/22/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Aspen Aerogels, Inc.
<b>Street Address:</b>	30 Forbes Road, Bldg B
<b>Internal Address:</b>	IP Department
<b>City:</b>	Northborough
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01532
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14726885
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)691-1200
<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>	508-691-1119
<b>Email:</b>	mhanson@aerogel.com
<b>Correspondent Name:</b>	MARK HANSON
<b>Address Line 1:</b>	30 FORBES ROAD, BLDG B
<b>Address Line 2:</b>	ASPEN AEROGELS, INC.
<b>Address Line 4:</b>	NORTHBOROUGH, MASSACHUSETTS 01532
<b>ATTORNEY DOCKET NUMBER:</b>	1072-05
<b>NAME OF SUBMITTER:</b>	MARK HANSON
<b>SIGNATURE:</b>	/Mark Hanson/
<b>DATE SIGNED:</b>	06/01/2015
<b>Total Attachments: 3</b>	
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ASSIGNMENT

We, Wenting Dong of 319 East Main Street, Apt L12, Marlborough, MA 01752, Wendell E. Rhine of 29 Crescent Road, Belmont, MA 02478 and Decio Coutinho, 106 Leoleis Drive, Marlborough, MA 01752 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 an application for Letters Patent of the United States Serial No. **13299677** filed on **11/18/2011** for improvements in the "**Organically Modified Hybrid Aerogels**" 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, Wenting Dong, hereunto set my hand and seal this 22 day of November, 2011.

Wenting Dong  
Wenting Dong

Commonwealth of Massachusetts  
County of Worcester ss.

Before me this 22<sup>nd</sup> day of November, 2011, personally appeared Wenting Dong, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.

Mary M. Rubin  
Notary Public  
My Commission Expires: 7-12-2013

I, Wendell E. Rhine, hereunto set my hand and seal this 22 day of November, 2011.

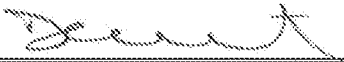
Wendell E. Rhine  
Wendell E. Rhine

Commonwealth of Massachusetts  
County of Worcester ss.

Before me this 22<sup>nd</sup> day of November, 2011, personally appeared Wendell E. Rhine, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.

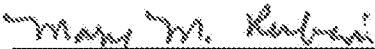
Mary M. Rubin  
Notary Public  
My Commission Expires: 7-12-2013

I, Decio Coutinho, hereunto set my hand and seal this 22 day of  
NOVEMBER, 2011.

  
\_\_\_\_\_  
Decio Coutinho

Commonwealth of Massachusetts  
County of WORCESTER ss.

Before me this 22<sup>nd</sup> day of NOVEMBER, 2011, personally appeared  
Decio Coutinho, who is to me personally known, and acknowledged  
the foregoing instrument of assignment to be his free act and deed.

  
\_\_\_\_\_  
Notary Public  
my Commission Expires - 7-12-2013