506817274 08/13/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS ANTHONY ZAFIROPOULOS	10/04/2019
GEORGE L GOULD	10/07/2019

RECEIVING PARTY DATA

Name:	ASPEN AEROGELS, INC.	
Street Address:	30 FORBES ROAD, BUILDING B, BUILDING B	
City:	NORTHBOROUGH	
State/Country:	MASSACHUSETTS	
Postal Code:	01532	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16826223

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 5088478084

Email:cmeyers@aerogel.comCorrespondent Name:CHRISTINE M MEYERSAddress Line 1:30 FORBES ROAD

Address Line 2: BUILDING B

Address Line 4: NORTHBOROUGH, MASSACHUSETTS 01532

ATTORNEY DOCKET NUMBER:	1113-02	
NAME OF SUBMITTER:	CHRISTINE M MEYERS	
SIGNATURE:	/Christine M. Meyers/	
DATE SIGNED:	08/13/2021	

Total Attachments: 2

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PATENT 506817274 REEL: 057172 FRAME: 0112

ASSIGNMENT

We: Nicholas Anthony Zafiropoulos, 282 Main St., Wayland, MA 01778 AND George L. Gould, 174 Millvile Road, Mendon, MA 01756; 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 a Letters Patent of the United States Serial No. 62/822,710 filed on March 22, 2019 for "CARBON AEROGEL-BASED CATHODES FOR LITHIUM-AIR BATTERIES"; 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

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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, Articles to frogenios, hereunto set my hand and seal this to day of		
<u>totology</u> , 2019.	<u> </u>	
	Nicholas Anthony Zafiropoulos	
Commonwealth of Massachusetts County of 165500000000000000000000000000000000000		
Before me this day of OFOSS, 2019 Charles Bathory Zaficquas, who is to me the foregoing instrument of assignment to be his free act a Notar	, personally appeared personally known, and acknowledged and deed. Public Public	
I, Clorife Gland, hereunto set my hand a October, 2019.	and seal this 7 day of George L. Gould	
Commonwealth of Massachusetts County of Massachusetts ss.		
Before me this day of of 2010 , who is to me the foregoing instrument of assignment to be his free act at Notar	, personally appeared personally known, and acknowledged and deed. Public Public	

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