

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7836757

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIOS AEROGEL LIMITED	02/10/2023
RECEIVING PARTY DATA	
Name:	AEROGEL R&D PTE. LTD.
Street Address:	133 NEW BRIDGE ROAD, #08-03
City:	CHINATOWN POINT
State/Country:	SINGAPORE
Postal Code:	059413
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	13161989
Application Number:	13099936
Application Number:	14896936
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	4122974900
Email:	ippatent.dcg@dentons.com
Correspondent Name:	ANGELA HEUKESHOVEN DENTONS COHEN & GRIGSBY
Address Line 1:	625 LIBERTY AVENUE
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	036222
NAME OF SUBMITTER:	ANGELA HEUKESHOVEN
SIGNATURE:	/Angela Heukeshoven/
DATE SIGNED:	03/09/2023
Total Attachments: 6	
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ASSIGNMENT

THIS ASSIGNMENT is dated the 10th day of February 2023 ("**Effective Date**").

BETWEEN:

- (1) **JIOS AEROGEL LIMITED**, a company incorporated in Hong Kong SAR, of 51/F., Hopewell Centre, 183 Queen 's Road East, Wan Chai, Hong Kong ("**Assignor**");

AND

- (2) **AEROGEL R&D PTE. LTD.**, a company incorporated in Singapore (UEN202023079C), of 133 New Bridge Road, #08-03, Chinatown point, Singapore 059413 ("**Assignee**"),

(collectively, the "**Parties**" and each, a "**Party**")

WHEREAS:

- (A) Assignor is the registered proprietor of the patent applications and patents set out in the Schedule (the "**Patents**").
- (B) It is the intention of the Parties that all the right, title, interest and benefit in and to the Patents, including the right to apply for and be granted patent protection in respect of the Patents in any jurisdiction, shall be assigned, transferred and conveyed to and vest solely in Assignee, on the terms and conditions set out hereinafter.


NOW THEREFORE, in consideration of the payment of Singapore Dollar Ten Dollars (S\$10.00) only and other good and valuable consideration by Assignee to Assignor (the receipt and sufficiency of which Assignor hereby acknowledges):

1. Assignor hereby assigns to Assignee, free from encumbrances, the entire right, title, interest and benefit worldwide in and to the Patents, including the right to apply for patents and any similar protection anywhere in the world, including applications under the Patent Cooperation Treaty and other international or regional conventions and treaties, any national applications filed in any jurisdiction, provisional/non-provisional applications filed in any jurisdiction, subsequent patent applications claiming priority therefrom, and any divisions or continuations thereof, TO THE INTENT that, upon such applications, divisions and continuations being in order for grant, the patents granted shall be in the name of and be vested in Assignee or its successors or assigns, together with all rights, powers, privileges and immunities arising or accrued therefrom including the right to sue and obtain damages and other remedies in respect of any infringement of such rights or of such patents which may have accrued prior to the date hereof.
2. Assignor shall at all times, at the request and expense of Assignee, do all acts and execute all documents necessary or reasonably desirable to secure the vesting in Assignee or its successors or assigns of all the rights, title and interest assigned under this Assignment and to assist in the resolution of any question concerning the Patents and any patent application in any jurisdiction for the Patents.
3. Assignor agrees not to publish or disclose or assist or authorise others so to do, any particulars of the Patents to any person without the prior written consent of Assignee.
4. Assignor confirms that it has the full and unencumbered right to assign, transfer and convey to Assignee all the right, title, interest and benefit in and to the Patents as stated in this Assignment and that Assignor has not entered into any assignment, contract or understanding in conflict with this Assignment.
5. The terms, covenant and undertakings set out in this Assignment shall inure to the benefit of Assignee and its successors and assigns and shall be binding on Assignor and their respective heirs, successors, legal representatives and assigns.

6. This Assignment shall be governed by and determined in accordance with the laws of Singapore, and the Parties submit themselves to the non-exclusive jurisdiction of the Courts of Singapore.
7. The provisions of this Assignment are severable, and if any provision, or any portion thereof, is determined by a competent court to be illegal, invalid or unenforceable for any reason, any remaining portion of that provision, and all other provisions of this Assignment, shall remain valid and enforceable to the fullest extent permitted by law in order to give effect to the Parties' intentions.
8. No variation, modification or amendment of this Assignment shall be valid unless it is in writing and signed by or on behalf of each Party.
9. Unless expressly provided herein, a person who is not a party to this Assignment has no right under the Contracts (Rights of Third Parties) Act 2001 to enforce any term of this Assignment.
10. This Assignment may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

IN WITNESS WHEREOF, the Parties hereto have executed this Assignment on the dates set forth below, which assignment shall be effective as of the Effective Date.

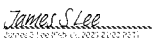
Executed for and on behalf of
JIOS AEROGEL LIMITED

Signature : 
Name : Andrew Stearns
Title : CEO / Director
Date : 10 February 2023

Executed for and on behalf of
AEROGEL R&D PTE. LTD.

Signature : 
Name : Stephen SH Kang
Title : Managing Director
Date : 10 February 2023

In the presence of

Witness : 
Name : James SH Lee

In the presence of

Witness : James S Lee
Name : James SH Lee

SCHEDULE

The Patents

S/N	Jurisdiction	Patent Application No.	Publication No./ Patent No.	Title	Status
1	Korea	10-2011-0025718	10-1082982	System for Manufacturing silica aerogel powder (실리카 에어로겔 분말 제조시스템)	Granted
2	Korea	10-2011-0018839	10-1155431	Manufacturing method for silica aerogel powder (실리카 에어로겔 분말의 제조방법)	Granted
3	Korea	10-2010-0113736	10-1200445	Manufacturing method of aerogel vacuum insulation panel 에어로겔 진공단열패널 제조방법	Granted
4	Korea	10-2010-0113732	10-1236730	Thermal mat with aerogel vacuum-panel layer (에어로겔 진공패널 층을 함유한 온열매트)	Granted
5	Korea	10-2011-0066745	10-1247271	System and method for manufacturing a silica aerogel powder with finished surface 표면처리가 된 실리카 에어로겔 분말의 제조방법 및 제조시스템	Granted
6	Korea	10-2010-0090612	10-1255621	Manufacturing method of silica aerogel composite board (실리카 에어로겔 복합체 보드 제조방법)	Granted

S/N	Jurisdiction	Patent Application No.	Publication No./ Patent No.	Title	Status
7	Korea	10-2011-0052744	10-1255631	System and method for manufacturing the insulation padding including aerogel (에어로겔이 포함된 단열패딩 제조시스템 및 상기 단열패딩의 제조방법)	Granted
8	Korea	10-2011-0088462	10-1279488	Manufacturing method for gypsum board including the silica aerogel (실리카 에어로겔을 함유하는 석고보드의 제조방법)	Granted
9	Korea	10-2012-0039084	10-1363393	Manufacturing method for perlite thermal insulation board including aerogel and the perlite thermal insulation board (에어로겔을 함유한 펄라이트 단열보드 제조방법 및 펄라이트 단열보드)	Granted
10	Korea	10-2012-0007217	10-1373210	Insulation sheet, insulation sheet production system and method for producing insulation sheet including aerogel powder (에어로겔 분말이 함유된 단열시트, 에어로겔 분말이 함유된 단열시트 제조시스템 및 에어로겔 분말이 함유된 단열시트 제조방법)	Granted

S/N	Jurisdiction	Patent Application No.	Publication No./ Patent No.	Title	Status
11	Korea	10-2012-0089047	10-1400718	Intumescent fire-resistant coating composition including silica aerogel 실리카 에어로겔을 포함하는 발포성 내화도료 피막 조성물	Granted
12	Korea	10-2012-00117235	10-1400721	Silica aerogel powder manufacturing system and manufacturing method using the same (실리카 에어로겔 분말 제조시스템)	Granted
13	Korea	10-2013-0065708	10-1453885	System for permeating textile and method for manufacturing textile using thereof (원단용 침윤시스템 및 이를 이용한 원단의 제작방법)	Granted
14	Korea	10-2013-0016304	10-1555463	Manufacture method for Hydrophobe light weight insulation Board including Aerogel (에어로겔이 함유된 소수성 경량 단열보드 제조방법)	Granted
15	United States	13/161,989	8,518,335	System for Preparing Silica Aerogel Powder	Granted
16	United States	13/099,936	8,961,919	Method of Preparing Silica Aerogel Powder	Granted
17	United States	14/896,936	9,885,133	Penetration System for Fabric and Method for Manufacturing Fabric Using Same	Granted

S/N	Jurisdiction	Patent Application No.	Publication No./ Patent No.	Title	Status
18	China	2012 10458989.1	103771428	Silica aerogel power manufacturing system and manufacturing method using the same (硅胶气凝胶粉末制造系统及制造方法)	Granted
19	Europe	13189530.2	2722311	Silica aerogel powder manufacturing system and processing method	Granted
20	Germany	EP13189530.2	EP2722311	Silica aerogel powder manufacturing system and processing method	Granted
21	France	EP13189530.2	EP2722311	Silica aerogel powder manufacturing system and processing method	Granted
22	United Kingdom	EP13189530.2	EP2722311	Silica aerogel powder manufacturing system and processing method	Granted
23	Europe	13886647.0	3009554	Penetration system for fabric and method for manufacturing fabric using same	Granted
24	Germany	EP13886647.0	EP3009554	Penetration system for fabric and method for manufacturing fabric using same	Granted
25	France	EP13886647.0	EP3009554	Penetration system for fabric and method for manufacturing fabric using same	Granted
26	United Kingdom	EP13886647.0	EP3009554	Penetration system for fabric and method for manufacturing fabric using same	Granted