

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM689802

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
AMERICAN AEROGEL CORPORATION		12/27/2019	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	COMERICA BANK		
Street Address:	39200 SIX MILE ROAD		
Internal Address:	MC 7578		
City:	LIVONIA		
State/Country:	MICHIGAN		
Postal Code:	48152		
Entity Type:	TEXAS BANKING ASSOCIATION: TEXAS		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Serial Number:	90700621	AEROSAFE	
CORRESPONDENCE DATA			
Fax Number:	2028427899		
<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:	202-776-2046		
Email:	jmfitzpatrick@cooley.com		
Correspondent Name:	JENNIFER FITZPATRICK		
Address Line 1:	C/O COOLEY LLP		
Address Line 2:	1299 Pennsylvania Avenue, NW, Suite 700		
Address Line 4:	WASHINGTON, D.C. 20004-2400		
ATTORNEY DOCKET NUMBER:	036703-2011		
NAME OF SUBMITTER:	JENNIFER FITZPATRICK		
SIGNATURE:	/JENNIFER FITZPATRICK/		
DATE SIGNED:	11/22/2021		
Total Attachments: 17			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of December 27, 2019, by and between COMERICA BANK ("Bank") and AMERICAN AEROGEL CORPORATION ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"); capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of such Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Grantor and Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B and C attached hereto set forth any and all intellectual property rights in connection to which such Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

[Remainder of page left intentionally blank. Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

AMERICAN AEROGEL CORPORATION

By: 

Name: Michael J. Williams

Title: CFO

Address of Grantor:

460 Buffalo Road
Rochester, NY 14611

Attn: _____

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

COMERICA BANK

By: [Signature]
Name: Walter Mastan
Title: SVP

Address of Bank:
MC 7578
39200 W. Six Mile Road
Livonia, MI 48152
Attn: National Documentation Services

EXHIBIT A

Copyrights

NONE.

EXHIBIT B

Patents

(See attached)

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PRIVILEGED AND CONFIDENTIAL

AMERICAN AEROGEL CORPORATION

INSULATING INSERTS, CONTAINERS COMPRISING THEM AND METHODS OF ASSEMBLING AND USING THEM

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.121-US1)	61/356401	06/18/2010	Expired		
United States (0101030.121-US2)	61/442276	02/13/2011	Expired		
PCT (0101030.121-WO1)	PCT/US11/40821	06/17/2011	Entered National Phase		
United States (0101030.121-US3)	13/717582	12/17/2012	Abandoned		

ORGANIC, OPEN CELL FOAM MATERIALS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
Australia (0101030.122-AU1)	2002213437	10/04/2001	Issued	2002213437	06/05/2008
Australia (0101030.122-AU2)	2008201224	03/14/2008	Issued	2008201224	12/01/2011

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ORGANIC, OPEN CELL FOAM MATERIALS						
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE	
Australia (0101030.122-AU3)	2011250866	11/18/2011	Abandoned			
Canada (0101030.122-CA1)	2441005	10/04/2001	Issued	2441005	08/02/2011	
Canada (0101030.122-CA2)	2740818	05/20/2011	Abandoned			
Europe (0101030.122-EP1)	01981820.2	10/04/2001	Abandoned			
Europe (0101030.122-EP2)	10011296.0	09/28/2010	Abandoned			
Europe (0101030.122-EP3)	10011295.2	09/28/2010	Abandoned			
Europe (0101030.122-EP4)	10011245.7	09/28/2010	Abandoned			
Europe (0101030.122-EP5)	10011244.0	09/28/2010	Abandoned			
Europe (0101030.122-EP6)	10011243.2	09/28/2010	Abandoned			
Hong Kong (0101030.122-HK1)	04107970.5	10/14/2004	Abandoned			
Hong Kong (0101030.122-HK2)	11109496.7	09/08/2011	Abandoned			

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ORGANIC, OPEN CELL FOAM MATERIALS						
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE	
Hong Kong (0101030.122-HK3)	11109489.6	09/08/2011	Abandoned			
Hong Kong (0101030.122-HK4)	11109488.7	09/08/2011	Abandoned			
India (0101030.122-IN1)	01173/KOLNP/2003	10/04/2001	Abandoned	238943	03/02/2010	
India (0101030.122-IN2)	883/KOLNP/2008	02/28/2008	Abandoned			
Israel (0101030.122-IL1)	157910	10/04/2001	Issued	157910	08/16/2007	
Japan (0101030.122-JP1)	2002-573844	10/04/2001	Issued	4570330	08/20/2010	
Japan (0101030.122-JP2)	2006-289288	10/24/2006	Issued	4971747	04/13/2012	
Japan (0101030.122-JP3)	2007-151039	06/06/2007	Abandoned			
Japan (0101030.122-JP4)	2010-174910	08/03/2010	Abandoned			
New Zealand (0101030.122-NZ1)	528922	10/04/2001	Abandoned	528922	11/09/2006	
New Zealand (0101030.122-NZ2)	546431	04/07/2006	Abandoned			

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ORGANIC, OPEN CELL FOAM MATERIALS						
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE	
New Zealand (0101030.122-NZ3)	562116	10/01/2007	Abandoned	562116	04/09/2009	
New Zealand (0101030.122-NZ4)	576429	04/23/2009	Abandoned			
PCT (0101030.122-WO1)	PCT/US2001/040464	04/06/2001	Expired			
PCT (0101030.122-WO2)	PCT/US2001/42473	10/04/2001	Entered National Phase			
South Africa (0101030.122-ZA1)	2003/7703	10/04/2001	Abandoned	2003/7703	03/30/2005	
United States (0101030.122-US1)	60/195165	04/06/2000	Expired			
United States (0101030.122-US2)	09/809793	03/16/2001	Abandoned			
United States (0101030.122-US3)	09/972163	10/04/2001	Issued	7005181	02/28/2006	
United States (0101030.122-US4)	11/281696	11/16/2005	Issued	7521485	04/21/2009	
United States (0101030.122-US5)	12/403947	03/13/2009	Issued	8071657	12/06/2011	
United States (0101030.122-US6)	13/218415	08/25/2011	Issued	8436061	05/07/2013	

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ORGANIC, OPEN CELL FOAM MATERIALS					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.122-US7)	13/856405	04/03/2013	Abandoned		

INSULATED BARRIERS AND METHODS FOR PRODUCING SAME					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.123-US1)	60/253795	11/29/2000	Expired		
United States (0101030.123-US2)	09/997582	11/29/2001	Abandoned		
European (0101030.123-EP1)	01987131.8	11/29/2001	Abandoned		
PCT (0101030.123-WO1)	PCT/US2001/44632	11/29/2001	Entered National Phase		

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PROCESS FOR HIGH TEMPERATURE PRODUCTION OF ORGANIC AEROGELS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.124-US1)	60/068861	12/29/1997	Expired		
United States (0101030.124-US2)	09/221520	12/28/1998	Expired	6090861	07/18/2000
United States (0101030.124-US3)	09/389930	09/03/1999	Expired	6077876	06/20/2000

COMPOSITIONS COMPRISING PHASE CHANGE MATERIALS, INSULATED CONTAINERS COMPRISING THEM AND METHODS OF USING THEM

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.126-US1)	61/539907	09/27/2011	Expired		

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SHIPPING BOX					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.127-US1)	29/419651	04/30/2012	Abandoned		

SHIPPING BOX					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.128-US1)	61/640611	04/30/2012	Expired		
United States (0101030.128-US2)	13/873050	04/29/2013	Abandoned		

TEMPLATE-ASSISTED PRODUCTION OF POROUS MATERIALS					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
Brazil (0101030.129-BR1)	1120160248058	04/23/2015	Pending		

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TEMPLATE-ASSISTED PRODUCTION OF POROUS MATERIALS						
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE	
Canada (0101030.129-CA1)	2946746	04/23/2015	Pending			
China (0101030.129-CN1)	201580028150.6	04/23/2015	Pending			
European (0101030.129-EP1)	15782535.7	04/23/2015	Pending			
India (0101030.129-IN1)	201637037386	04/23/2015	Abandoned			
Korea (0101030.129-KR1)	10-2016-7032547	04/23/2015	Pending			
Singapore (0101030.129-SG1)	11201608857W	04/23/2015	Abandoned			
Singapore (0101030.129-SG2)	10201809355P	04/23/2015	Pending			
PCT (0101030.129-WO1)	PCT/US15/27398	04/23/2015	Entered National Phase			
United States (0101030.129-US1)	61/982932	04/23/2014	Expired			
United States (0101030.129-US2)	62/015340	06/20/2014	Expired			
United States (0101030.129-US3)	15/305961	10/21/2016	Issued	10875978	12/29/2020	

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VESSEL ASSEMBLIES FOR TEMPERATURE CONTROLS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
Canada (0101030.130-CA1)	2982788	04/14/2016	Pending		
European (0101030.130-EP1)	16780789.0	04/14/2016	Pending		
Hong Kong (0101030.130-HK1)	18110667.1	04/14/2016	Pending		
PCT (0101030.130-WO1)	PCT/US2016/027638	04/14/2016	Entered National Phase		
United States (0101030.130-US1)	62/147631	04/15/2015	Expired		
United States (0101030.130-US2)	15/566419	10/13/2017	Pending		

LINKED ANTENNA PAIR FOR TRANSMISSION THROUGH SHIELDED SHIPPING CONTAINER

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
European (0101030.132-EP1)	17861296.6	10/17/2017	Pending		

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LINKED ANTENNA PAIR FOR TRANSMISSION THROUGH SHIELDED SHIPPING CONTAINER					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
Hong Kong (0101030.132-HK1)	62020003343.4	10/17/2017	Pending		
PCT (0101030.132-WO1)	PCT/US2017/056907	10/17/2017	Entered National Phase		
United States (0101030.132-US1)	62/409611	10/18/2016	Expired		
United States (0101030.132-US2)	16/342811	04/17/2019	Pending		

COMPARTMENTALIZED SHIPPING CONTAINER FOR TEMPERATURE CONTROL MATERIAL DISTRIBUTION					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
Canada (0101030.135-CA1)	3079206	10/15/2018	Pending		
European (0101030.135-EP1)	18867940.1	10/15/2018	Pending		
PCT (0101030.135-WO1)	PCT/US2018/055889	10/15/2018	Entered National Phase		

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COMPARTMENTALIZED SHIPPING CONTAINER FOR TEMPERATURE CONTROL MATERIAL DISTRIBUTION					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.135-US1)	62/573136	10/16/2017	Expired		
United States (0101030.135-US2)	16/756387	04/15/2020	Pending		

MULTIPLE IMMISCIBLE PHASE CHANGE MATERIALS CONTAINED IN COMMON VESSEL					
COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.136-US1)	62/829675	04/05/2019	Expired		
PCT (0101030.136-WO1)	PCT/US2020/026648	04/03/2020	Pending		

EXHIBIT C

Trademarks

Mark	Date of Registration	Registration Number	Status	Country or State
AEROCORE™	9/8/2009	3739324	Abandoned	United States
AEROLOOP™	09/13/2016	5041027	Registered	United States
AEROSAFE	05/10/2021	90700621	Serial Number	United States