

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM590918

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
American Aerogel Corporation		08/06/2020	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	ESCALATE CAPITAL IV, LP		
Street Address:	6011 West Courtyard Drive		
Internal Address:	Building 5, Suite 405		
City:	Austin		
State/Country:	TEXAS		
Postal Code:	78730		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	3739324	AEROCORE	
Registration Number:	5041027	AEROLOOP	
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>			
Email:	lvincent@mcguirewoods.com		
Correspondent Name:	Stephanie A. Martinez		
Address Line 1:	800 East Canal Street		
Address Line 4:	Richmond, VIRGINIA 23219		
NAME OF SUBMITTER:	smartinez@mcguirewoods.com		
SIGNATURE:	/Stephanie Martinez/		
DATE SIGNED:	08/07/2020		
Total Attachments: 15			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of August 6, 2020 by and among American Aerogel Corporation, a Delaware corporation (the "**Borrower**"), and ESCALATE CAPITAL IV, LP, a Delaware limited partnership ("**Lender**").

RECITALS

Lender has agreed to make certain advance of money and to extend certain financial accommodations to Borrower under that certain Loan and Security Agreement by and among Lender and Borrower dated of even date herewith (as amended, restated, or otherwise modified from time to time, the "**Loan Agreement**"). Capitalized terms used herein are used as defined in the Loan Agreement. Pursuant to the terms of the Loan Agreement, Borrower has granted to Lender a security interest in its personal property.

NOW, THEREFORE, Borrower agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Borrower and Lender, Borrower grants to Lender a security interest in all of such Borrower's right, title and interest in, its Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B, and C hereto) and 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. Borrower represents and warrants that Schedules A, B, and C attached hereto set forth any and all intellectual property rights in connection to which such Borrower has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office or any other agency of any state or country responsible for the registration of any patent, trademark, copyright, or similar protection, 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.

[Signature pages follow]

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.

Address of Borrower:

460 Buffalo Road
Rochester, NY 14611

BORROWER:

AMERICAN AEROGEL CORPORATION,
a Delaware corporation

By: 

Name: Michael T. Williams

Title: Chief Financial Officer

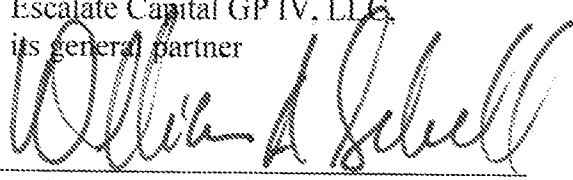
Address of Lender:

6011 West Courtyard Drive
Building 5, Suite 405
Austin, Texas 78730

LENDER:

ESCALATE CAPITAL IV, LP,
a Delaware limited partnership

By: Escalate Capital GP IV, LLC,
its general partner

By: 
Name: William A. Schell
Title: Manager/Member

SCHEDULE A
Copyrights

None.

SCHEDULE B
Patents

Patents

Schedule of Patents and Patent Applications:

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
Australia (0101030.122-AU3)	2011250866	11/18/2011	Abandoned		

ORGANIC, OPEN CELL FOAM MATERIALS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
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		
Hong Kong (0101030.122-HK3)	11109489.6	09/08/2011	Abandoned		

ORGANIC, OPEN CELL FOAM MATERIALS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
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	10/20/2006	Issued	4971747	04/13/2012
Japan (0101030.122-JP3)	2007-151039	05/07/2007	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		
New Zealand (0101030.122-NZ3)	562116	10/01/2007	Abandoned	562116	04/09/2009

ORGANIC, OPEN CELL FOAM MATERIALS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
New Zealand (0101030.122-NZ4)	576429	04/23/2009	Abandoned		
PCT (0101030.122-WO1)	PCT/US01/040464	04/06/2001	Expired		
PCT (0101030.122-WO2)	PCT/US01/42473	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
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	04/06/2000	Abandoned		
PCT (0101030.123-WO1)	PCT/US01/44632	11/29/2001	Entered National Phase		

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		

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			
Canada (0101030.129-CA1)	2,946,746	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			
PCT (0101030.129-WO1)	PCT/US15/27398	04/23/2015	Entered National Phase			
Singapore (0101030.129-SG1)	11201608857W	04/23/2015	Abandoned			
Singapore (0101030.129-SG2)	10201809355P	04/23/2015	Pending			
United States (0101030.129-US1)	61/982932	04/23/2014	Expired			
United States (0101030.129-US2)	62/015340	06/20/2014	Expired			

TEMPLATE-ASSISTED PRODUCTION OF POROUS MATERIALS

COUNTRY (Our Reference)	SERIAL NO.	FILING DATE	STATUS	PATENT NO.	GRANT DATE
United States (0101030.129-US3)	15/305961	10/21/2016	Pending		

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/US16/027638	04/14/2016	Entered National Phase		
United States (0101030.130-US1)	62/147631	04/15/2015	Expired		
United States (0101030.130-US2)	15/566,419	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		
European (0101030.132-HK1)	62020003343.4	10/17/2017	Pending		
PCT (0101030.132-WO1)	PCT/US17/56907	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/US18/055889	10/15/2018	Pending		
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		

SCHEDULE C
Trademarks

Trademarks

Mark	Date of Registration	Registration Number	Status	Country or State
AEROCORE™	9/8/2009	3739324	Registered	United States
AEROLOOP™	2/8/2016	5041027	Registered	United States