

## 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>
	AMY BETZ	05/04/2017
	MELANIE DERBY	05/04/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	KANSAS STATE UNIVERSITY RESEARCH FOUNDATION	
<b>Street Address:</b>	2005 RESEARCH PARK CIRCLE	
<b>Internal Address:</b>	SUITE 105	
<b>City:</b>	MANHATTAN	
<b>State/Country:</b>	KANSAS	
<b>Postal Code:</b>	66502	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16301236	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(913)647-9057	
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<b>ATTORNEY DOCKET NUMBER:</b>	48089-US	
<b>NAME OF SUBMITTER:</b>	GREGORY J. SKOCH	
<b>SIGNATURE:</b>	/Gregory J. Skoch/	
<b>DATE SIGNED:</b>	11/13/2018	
<b>Total Attachments: 5</b>		
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## ASSIGNMENT

WHEREAS, WE, Amy Betz of 315 Denison Ave, Manhattan, KS 66502, and Melanie Derby of 912 Laramie St, Manhattan, KS 66502 have invented certain new and useful improvements in

### NANOPOROUS SURFACES AND METHODS FOR ACCELERATED FREEZING AND LIQUID RECOVERY

which is the subject of U.S. Provisional Patent Application No. 62/336,156, filed May 13, 2016, and for which WE are about to file a PCT application (identified under attorney Docket No. 48089-PCT) (the "Applications"); and

WHEREAS, Kansas State University Research Foundation, a corporation duly organized under the laws of the State of Kansas, and having its principal place of business at 2005 Research Park Circle, Suite 105, Manhattan, KS 66502, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, WE my Betz of 315 Denison Ave, Manhattan, KS 66502, and Melanie Derby of 912 Laramie St, Manhattan, KS 66502, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Kansas State University Research Foundation, the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Applications;
- (b) said Applications;
- (c) any and all refilings, divisions, and continuations of said Applications;
- (d) any and all Letters Patent of the United States of America that may issue from said Applications, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent on said invention that have been, or may be, filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;

- (h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Kansas State University Research Foundation for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

Assignor(s) further agree to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.

Executed this 4 day of May, 2017.

Amy Blitz

STATE OF

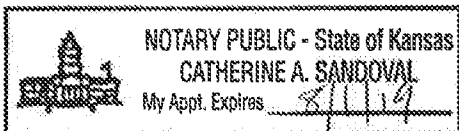
Kansas

155.

COUNTY OF

Riley

On this 4 day of May, 2017 before me personally appeared Amy Betz of 315 Denison Ave, Manhattan, KS 66502, to me known to be the person described in and who executed the foregoing instrument, and who duly acknowledged to me that she executed the same for the uses and purposes therein set forth.



Notary Public

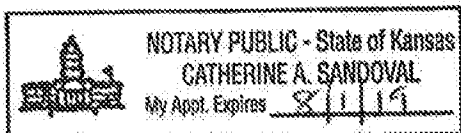
My Commission Expires:

Executed this 4 day of May, 2017.

Melanie Derby

STATE OF Kansas, )  
COUNTY OF Riley, ) ss.

On this 4 day of May, 2017 before me personally appeared Melanie Derby of 912 Laramie St, Manhattan, KS 66502, to me known to be the person described in and who executed the foregoing instrument, and who duly acknowledged to me that she executed the same for the uses and purposes therein set forth.



Carlene A. Sanford  
Notary Public

My Commission Expires: 8/1/19

Kansas State University Research Foundation hereby declares it accepts the rights and property hereby assigned and transferred to it.

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Kansas State University Research Foundation

By



Christopher Brandt

President/CEO