

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5268263

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KUI XU	09/12/2018
RICHARD ELSWORTH DAUGHERTY JR.	09/12/2018
DANIEL PATRICK SWEAT	09/12/2018
MARY ANN HOCKEY	09/12/2018
ERIC CALDERAS	09/12/2018
MEGAN BENNETT	09/12/2018
RECEIVING PARTY DATA	
Name:	BREWER SCIENCE, INC.
Street Address:	2401 BREWER DRIVE
City:	ROLLA
State/Country:	MISSOURI
Postal Code:	65401
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16133051
CORRESPONDENCE DATA	
Fax Number:	(913)647-9057
<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:	913 647-9050
Email:	patdocketing.bornman@hoveywilliams.com
Correspondent Name:	HOVEY WILLIAMS LLP
Address Line 1:	10801 MASTIN BLVD., SUITE 1000
Address Line 4:	OVERLAND PARK, KANSAS 66210
ATTORNEY DOCKET NUMBER:	51322-US
NAME OF SUBMITTER:	TRACY L. BORNMAN
SIGNATURE:	/Tracy L. Bornman/
DATE SIGNED:	12/05/2018
Total Attachments: 10	

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ASSIGNMENT

WHEREAS, WE, Kui Xu, of 1215 Britt Lane, Rolla, Missouri 65401; Richard Elsworth Daugherty Jr., of 499 CR 727, Bland, Missouri 65014; Daniel Patrick Sweat, of 903 Country Ln, Rolla, Missouri 65401; Mary Ann Hockey, of 11120 CR 5120, Rolla, Missouri 65401; Eric Calderas, of 12285 Alexandria Court, Rolla, Missouri 65401; and Megan Bennett, of 2003 D Madison Place, Rolla, Missouri 65401, have invented certain new and useful improvements in

GRADIENT BLOCK COPOLYMERS FOR DIRECTED SELF-ASSEMBLY,
which is the subject of U.S. Provisional Patent Application S/N 62/624,960 filed February 1, 2018, ("Application"); and

WHEREAS, Brewer Science, Inc., a corporation duly organized under the laws of the State of Missouri, and having its principal place of business at 2401 Brewer Drive, Rolla, Missouri 65401, is desirous of acquiring an interest in, to, and under said invention, said Applications, 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 acknowledged, WE, Kui Xu, of 1215 Britt Lane, Rolla, Missouri 65401; Richard Elsworth Daugherty Jr., of 499 CR 727, Bland, Missouri 65014; Daniel Patrick Sweat, of 903 Country Ln, Rolla, Missouri 65401; Mary Ann Hockey, of 11120 CR 5120, Rolla, Missouri 65401; Eric Calderas, of 12285 Alexandria Court, Rolla, Missouri 65401; and Megan Bennett, of 2003 D Madison Place, Rolla, Missouri 65401, have sold, assigned, and transferred, and by these presents do

sell, assign, and transfer unto said Brewer Science, Inc., 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 Application;
- (b) said Application;
- (c) any and all refilings, divisionals, continuations, and non-provisionals of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisionals, continuations, and non-provisionals;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications (including applications filed under the Patent Cooperation Treaty) 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, divisionals, 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, divisionals, 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 Brewer Science, Inc. 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.

Assignors 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 12 day of September, 2018.

Kui Xu
Kui Xu

STATE OF Missouri)
) SS.
COUNTY OF Phelps)

On this 12th day of September, 2018, before me personally appeared Kui Xu, of 1215 Britt Lane, Rolla, Missouri 65401, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 4/10/2019

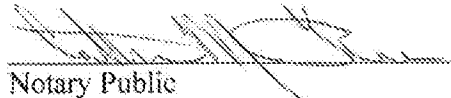
CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389650

Executed this 12 day of September, 2018.


Richard Elsworth Daugherty Jr.

STATE OF Missouri)
) SS.
COUNTY OF Phelps)

On this 12th day of September, 2018, before me personally appeared Richard Elsworth Daugherty Jr., of 499 CR 727, Bland, Missouri 65014, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.


Notary Public

My Commission Expires: 4/10/2019

CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389650

Executed this 12 day of September, 2018.

Daniel Patrick Sweat
Daniel Patrick Sweat

STATE OF Missouri)
) SS.
COUNTY OF Phelps)

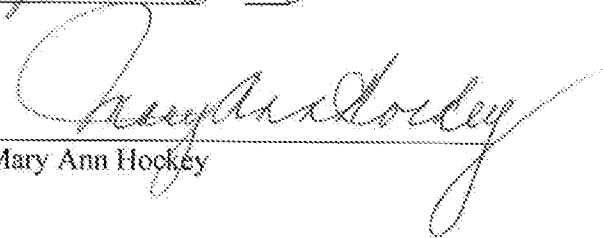
On this 12th day of September, 2018, before me personally appeared Daniel Patrick Sweat, of 903 Country Ln, Rolla, Missouri 65401, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Catherine M. Frank
Notary Public

My Commission Expires: 4/10/2019

CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389650

Executed this 12 day of September 2018


Mary Ann Hockey

STATE OF Missouri)
) SS.
COUNTY OF Phelps)

On this 12th day of September, 2018, before me personally appeared Mary Ann Hockey, of 11120 CR 5120, Rolla, Missouri 65401, to me known to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.


Notary Public

My Commission Expires: 4/10/2019

CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389650

Executed this 12 day of September, 2018.

Eric Calderas
Eric Calderas

STATE OF Missouri)
) SS.
COUNTY OF Phelps)

On this 10th day of September, 2018, before me personally appeared Eric Calderas, of 12285 Alexandria Court, Rolla, Missouri 65401, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 4/10/2019

CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389650

Executed this 12 day of September, 2018.

Megan Bennett
Megan Bennett

STATE OF Missouri)
) SS.
COUNTY OF Phelps)

On this 12th day of September, 2018, before me personally appeared Megan Bennett, of 2003 D Madison Place, Rolla, Missouri 65401, to me known to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

Catherine M. Frank
Notary Public


My Commission Expires: 4/10/2019

CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389650

Brewer Science, Inc. hereby declares it accepts the rights and property hereby assigned and transferred to it.

Brewer Science, Inc.

Date: 9/2/18

By  _____

Name: Rebecca Rich

Title: Intellectual Property Manager