

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KUI XU	05/29/2014
MARY ANN HOCKEY	05/08/2014
DOUGLAS GUERRERO	06/20/2014
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:	14242551
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:	jkahrau@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:	46149
NAME OF SUBMITTER:	TRACY BORNMAN
SIGNATURE:	/Tracy Bornman/
DATE SIGNED:	07/31/2014
Total Attachments: 6	
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PATENT	

ASSIGNMENT

WHEREAS, WE, Kui Xu, OF 2154 Ware Circle, Rolla, Missouri 65401, Mary Ann Hockey, OF 11120 County Road 5120, Rolla, Missouri 65401, and Douglas Guerrero, OF 11145 Breeden Drive, Rolla, Missouri 65401, have invented certain new and useful improvements in
HIGHLY ETCH-RESISTANT POLYMER BLOCK FOR USE IN BLOCK COPOLYMERS
FOR DIRECTED SELF-ASSEMBLY,

which is the subject of U.S. Patent Application No. 14/242,551, filed April 1, 2014, and claims the benefit of earlier filed U.S. Provisional Patent Application No. 61/808,094, filed April 3, 2013; 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 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, Kui Xu, OF 2154 Ware Circle, Rolla, Missouri 65401, Mary Ann Hockey, OF 11120 County Road 5120, Rolla, Missouri 65401, and Douglas Guerrero, OF 11145 Breeden Drive, 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 Serial No. 14/242,551, filed April 1, 2014, and claims the benefit of earlier filed U.S. Provisional Patent Application No. 61/808,094, filed April 3, 2013;
- (c) any and all refilings, divisions, and continuations of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, 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 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.

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 29 day of May, 2014.

Kui Xu
Kui Xu

STATE OF Missouri)
)SS.
COUNTY OF Phelps)

On this 29th day of May, 2014, before me personally appeared Kui Xu, OF 2154 Ware Circle, 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: 4/10/2015

CATHERINE M. FRANK
Notary Public-Notary Seal
State of Missouri-County of Phelps
My Commission Expires 4/10/2015
Commission # 11389650

Executed this 8th day of May, 2014

Mary Ann Hockey
Mary Ann Hockey

STATE OF Missouri)
)SS.
COUNTY OF Phelps)

On this 8th day of May, 2014, before me personally appeared Mary Ann Hockey, OF 11120 County Road 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.

Catherine M. Frank
Notary Public

My Commission Expires: 4/10/2015

CATHERINE M. FRANK
Notary Public-Notary Seal
State of Missouri-County of Phelps
My Commission Expires 4/10/2015
Commission # 11389650

Executed this 20th day of June, 2014.

D. Guerrero
Douglas Guerrero aka Douglas Jose Guerrero
Castillo

STATE OF

KINGDOM OF BELGIUM
CITY OF BRUSSELS
EMBASSY OF THE UNITED STATES OF AMERICA

COUNTY OF

On this 20th day of June, 2014, before me personally appeared Douglas Guerrero, OF 11145 Breeden Drive, 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.

Thomas Rogan

Notary Public

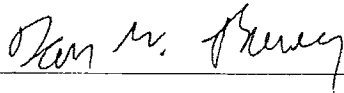
Thomas Rogan
Consul of the
United States of America

My Commission Expires: _____
Commission expiration date: not applicable

This document consists of 3 pages
each initialed by the affiant/grantor.

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

Brewer Science Inc.

By 
Dan Brewer