504390806 05/31/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4437503

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIULING LI	05/23/2017
WEN HUANG	05/16/2017

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Street Address:	352 HENRY ADMINISTRATION BUILDING
Internal Address:	506 S. WRIGHT
City:	URBANA
State/Country:	ILLINOIS
Postal Code:	61801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14541765

CORRESPONDENCE DATA

Fax Number: (312)321-4299

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.

Phone: 312-321-4200

Email: USAssignments@brinksgilson.com,

GWHITEMON@BRINKSGILSON.COM

Correspondent Name: BRINKS GILSON & LIONE

Address Line 1: P O BOX 10395

Address Line 4: CHICAGO, ILLINOIS 60610

ATTORNEY DOCKET NUMBER:	10322-264
NAME OF SUBMITTER:	MINDY N. RITTNER
SIGNATURE:	/Mindy N. Rittner/
DATE SIGNED:	05/31/2017

Total Attachments: 4

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PATENT 504390806 REEL: 042545 FRAME: 0911

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PATENT REEL: 042545 FRAME: 0912

ASSIGNMENT

WHEREAS, Xiuling Li, and Wen Huang hereinafter called the "Assignors", have made the invention set forth in the United States patent application entitled APPARATUS AND METHOD FOR MAGNETIC-FIELD GUIDED METAL-ASSISTED CHEMICAL ETCHING, described in U.S. Nonprovisional Application Serial No. 14/541,765, which was filed on November 14, 2014, and in U.S. Provisional Application Serial No. 61/904,899, which was filed on November 15, 2013;

WHEREAS, <u>The Board of Trustees of the University of Illinois</u>, a body corporate and politic of the State of Illinois, organized and existing under the laws of the State of Illinois, having a place of business at <u>352 Henry Administration Building</u>, <u>506 S. Wright, Urbana, Illinois 61801</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

- 1 -

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The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: 5/23/2017

Xiuling Li

DATED:

5/16/2017

Wen Huang

<u>Case No. 10322-264</u> <u>Client Reference No. TF13158-US</u>

STATE OF TIMOIS)
STATE OF TIMOIS) ss. COUNTY OF Champaign)
I, Tray A. Hunder, a Notary Public in and for the County and State aforesaid, do hereby certify that Xiuling Li, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of, 2017.
Notary Public Notary Public
My Commission Expires: July 29,0018
OFFICIAL SEAL TRACY A HUNTER Notary Public - State of Illinois My Commission Expires Jul 29, 2018

STATE OF Ilinois)	
STATE OF Ilinois) ss. COUNTY OF Champaign)	
I, Tracy A. Implee , a Notar County and State aforesaid, do hereby certify that Wen Huang, I to be the same person whose name is subscribed to the foregoin before me this day in person and acknowledged that (s)he signe the said instrument as his/her free and voluntary act for the use set forth.	personally known to me ig instrument, appeared d, sealed and delivered
IN WITNESS WHEREOF, I have hereunto set my hand day of, 201_7.	and Notarial Seal, this
Notary Public	a Huthi
A statement	OFFICIAL SEAL TRACY A HUNTER Public - State of Illinois hission Expires Jul 29, 2018