502571504 11/15/2013

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUAN HE	11/14/2013
LIANG ZHANG	11/14/2013
CHUNXIAO SONG	11/13/2013

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF CHICAGO	
Street Address:	5801 SOUTH ELLIS AVENUE	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	ostal Code: 60637	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14110007

CORRESPONDENCE DATA

Fax Number:

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Correspondent Name: MARGARET DRAKE-STUDSTILL Address Line 1: 98 SAN JACINTO BOULEVARD

Address Line 2: SUITE 1100

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ATTORNEY DOCKET NUMBER:	ARCD.P0504US/11315469
NAME OF SUBMITTER:	MARGARET DRAKE-STUDSTILL
Signature:	/Margaret Drake-Studstill/
	PATENT

502571504 REEL: 031614 FRAME: 0876

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Date:	11/15/2013
Total Attachments: 5 source=arcdp0504usassignment#page1.tif source=arcdp0504usassignment#page2.tif source=arcdp0504usassignment#page3.tif source=arcdp0504usassignment#page4.tif source=arcdp0504usassignment#page5.tif	

PATENT REEL: 031614 FRAME: 0877

ASSIGNMENT

Pursuant to our obligation to The University of Chicago (hereinafter referred to as "Assignee"), an Illinois not for profit corporation having its principal place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Chuan He
1467 East 55th Place 5543 South Kenwood Avenue (-14.
Chicago, IL 60637

Liang Zhang 1401 East 55th Street Chicago, IL 60615

Chunxiao Song 1380 East Hyde Park Blvd. Apartment 608 Chicago, IL 60615

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled COMPOSTITIONS AND METHODS RELATED TO MODIFICATION OF 5-METHYLCYTOSINE (5-MC) for which a United States

Non-Provisional Application was filed on October 4, 2013, as Application Serial Number

14/110,007, and claims the benefit of priority of PCT International Application Serial Number

PCT/US2012/032489, filed on April 6, 2012, and claims the benefit of priority of United States

Provisional Application Serial Number 61/472,435, filed on April 6, 2011, and claims the benefit of priority of United States Provisional Application Serial Number 61/512,334, filed on July 27, 2011;

1

PATENT REEL: 031614 FRAME: 0878

ASSIGNMENT

Pursuant to our obligation to The University of Chicago (hereinafter referred to as "Assignee"), an Illinois not for profit corporation having its principal place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Chuan He 1467 East 55th Place Chicago, IL 60637

Liang Zhang 1401 East 55th Street Chicago, IL 60615

Chunxiao Song

Chunxiao Song 1380 East Hyde Park Blvd. 3035 Emerson St (S. Apartment 608-Chicago. IL 60615 Palo Alto, CA 94306 11/13/2013

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled COMPOSTITIONS AND METHODS RELATED TO MODIFICATION OF 5-METHYLCYTOSINE (5-MC) for which a United States Non-Provisional Application was filed on October 4, 2013, as Application Serial Number 14/110,007, and claims the benefit of priority of PCT International Application Serial Number PCT/US2012/032489, filed on April 6, 2012, and claims the benefit of priority of United States Provisional Application Serial Number 61/472,435, filed on April 6, 2011, and claims the benefit of priority of United States Provisional Application Serial Number 61/512,334, filed on July 27, 2011;

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- (2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; The effective date of this assignment is April 6, 2011;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon request of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

Chuan He LA Fin Witness Signature Tan A. Roundtiee
Witness Printed Name
Jenzel
Liang Zhang
La A. Hen
Witness Signature
Ian A. Roundtroe
Witness Printed Name
Chunxiao Song
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Witness Signature
Witness Printed Name

Chuan He	
Witness Signature	
Witness Printed Name	
Liang Zhang	
Witness Signature	
Witness Printed Name	
Chunxiao Song	
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Witness Signature You you Zhang Witness Printed Name	