

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3165023

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILLIP B. MESSERSMITH	05/16/2011
JING SU	05/10/2011
BI-HUANG HU	04/29/2011
RECEIVING PARTY DATA	
Name:	NORTHWESTERN UNIVERSITY
Street Address:	1800 SHERMAN AVENUE
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60201
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13090416
Application Number:	61326939
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	sara.kerstein@quarles.com
Correspondent Name:	SARA J. KERSTEIN
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Address Line 2:	QUARLES & BRADY, LLP
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ATTORNEY DOCKET NUMBER:	702581.00057
NAME OF SUBMITTER:	SARA J. KERSTEIN
SIGNATURE:	/Sara J. Kerstein/
DATE SIGNED:	12/30/2014
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, We, Phillip B. Messersmith of Clarendon Hills, Illinois, Jing Su of Chicago, Illinois, and Bi-Huang Hu of Haikou, China, have made certain inventions which are described in U.S. Patent Application No. 13/090,416, entitled "Catalyst and Byproduct-Free Native Chemical Ligation Using Cyclic Thioester Precursors," filed on April 20, 2011.

WHEREAS, Northwestern University, an Illinois university (hereinafter called University) having a place of business at 1800 Sherman Avenue, Suite 504, Evanston, IL 60201-3789, is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof and for all foreign countries.

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, We hereby sell, assign, and transfer unto said University, its successors and assigns, effective retroactively from the date of making said inventions, the entire right, title and interest throughout the United States of America and the territories thereof and for all foreign countries, in and to said inventions, the aforesaid application, and all other applications hereafter filed in the United States and any other country based in whole or in part on said inventions, and all Letters Patent granted upon said application by the United States and any other country, and We do hereby authorize and request the Director of the United States Patent and Trademark Office to issue said Letters Patent to said University. We further grant to said University, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries.

We hereby warrant that We have the full right to make the conveyance herein, and We hereby covenant that We, our heirs, legal representatives and assigns, will, when requested, communicate to said University, its representatives, successors and assigns, all facts known respecting said inventions, execute all applications including regular, divisional, continuing, reissue, reexamination and foreign applications together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said University, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, We have hereunto set our hands and seal on the date indicated below our signatures.

Phil Messersmith (SEAL)
Phillip B. Messersmith

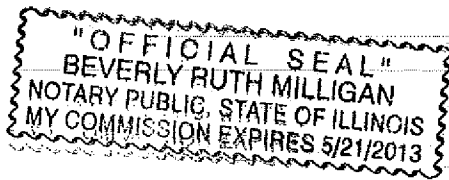
Date: 5/16/2011

STATE OF ILLINOIS)
) ss.
COUNTY OF Cook)

Before me on this 16th day of May, 2011, came Phillip B. Messersmith to me known to be the person named in the foregoing Assignment and acknowledged the execution thereof to be his free act and deed.

(SEAL) Beverly Ruth Milligan
Notary Public, State of Illinois

My Commission Expires: 5/21/2013



Jing Su (SEAL)
Jing Su

Date: 05/10/2011

STATE OF ILLINOIS)
COUNTY OF Cook) ss.

Before me on this 10th day of May, 2011, came Jing Su to me known to be the person named in the foregoing Assignment and acknowledged the execution thereof to be his free act and deed.

(SEAL)

Beverly Ruth Milligan
Notary Public, State of Illinois

My Commission Expires: 5/21/2013



Bi-Huang Hu

(SEAL)

Bi-Huang Hu

Date: 04/29/2011

Before me on this 29 day of April, 2011, came Bi-Huang Hu to me known to be the person named in the foregoing Assignment and acknowledged the execution thereof to be his free act and deed.



(SEAL)

蒲治珍

海南省海口市美兰区碧海大道38号