

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL C. JEWETT	04/09/2013
CHARLES E. HODGMAN	04/15/2013
RUI GAN	04/09/2013
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<b>Postal Code:</b>	60208
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14213390
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	NWN01-035-US
<b>NAME OF SUBMITTER:</b>	DANIEL W. CELANDER
<b>SIGNATURE:</b>	/Daniel W. Celandar/
<b>DATE SIGNED:</b>	04/01/2014
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

WHEREAS, WE, Michael C. Jewett, Charles Eric Hodgman, and Rui Gan (hereinafter collectively referred to as ("ASSIGNORS")) have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

**Title of Provisional Patent Application: Methods for Cell-Free Protein Synthesis**

**Serial No.: 61/792,290**


**Filing Date: March 15, 2013**

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.



MICHAEL C. JEWETT

4/9/13

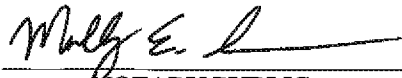
DATE

State of IL

ss.

County of Cook

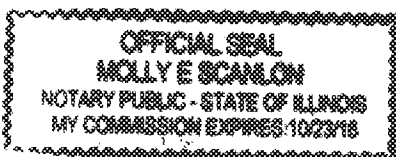
On this 9<sup>th</sup> day of April, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.



NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 10/23/16



Assignment for Execution

Title of Provisional Patent Application: Methods for Cell-Free Protein Synthesis

Serial No.: 61/792,290

Filing Date: March 15, 2013

Charles Eric Hodgman 4/15/13  
CHARLES ERIC HODGMAN DATE

State of Illinois ss.  
County of Cook

On this 15th day of April, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Beverly Ruth Milligan  
NOTARY PUBLIC  
My Commission Expires: 5/21/2013

[NOTARY SEAL]



**Assignment for Execution**

**Title of Provisional Patent Application: Methods for Cell-Free Protein Synthesis**

**Serial No.: 61/792,290**

**Filing Date: March 15, 2013**

Rui GAN

04-09-2013

RUI GAN

DATE

State of IL

County of Cook ss.

On this 9- day of April, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Ana Maria Andras  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 10/23/16

