

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3340907

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPH BENNING	01/18/2010
RACHEL MILLER	01/18/2010
ERIC R MOELLERING	01/18/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY
<b>Street Address:</b>	450 ADMINISTRATION BUILDING
<b>City:</b>	EAST LANSING
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48824-1046
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13719868
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	3000.109US2
<b>NAME OF SUBMITTER:</b>	JULIE A NELSON
<b>SIGNATURE:</b>	/ Julie A. Nelson /
<b>DATE SIGNED:</b>	05/06/2015
<b>Total Attachments: 2</b>	
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source=3000109US2_assignment_signed#page2.tif	

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 3000.109US2

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Christoph Benning, Rachel Miller, Eric R. Moellering

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: January 18, 2010, January 18, 2010,  
January 18, 2010

2. Name and address of receiving party(ies):

Name: Board of Trustees of Michigan State University

Street Address: 450 Administration Building

City: East Lansing State: MI Zip: 48824-1046

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/719,868

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robin A. Chadwick

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robin A. Chadwick/Reg. No. 36,477

Name of Person Signing



Signature

May 5, 2015

Date

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

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Alexandria, VA 22313-1450

PATENT  
REEL: 035573 FRAME: 0222

## ASSIGNMENT

WHEREAS, We, **Christoph Benning, Rachel Miller and Eric R. Moellering**, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Enzyme Directed Oil Biosynthesis In Microalgae**

Filing Date: **12/16/2009**

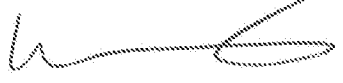
Serial No.: **12/639,304**

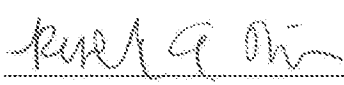
WHEREAS, Board of Trustees of Michigan State University herein after referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

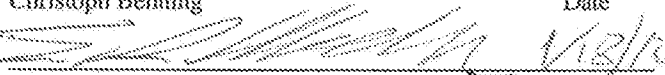
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does 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, 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 ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR 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 will 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, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

  
\_\_\_\_\_  
Christoph Benning  
Date **11/18/10**

  
\_\_\_\_\_  
Rachel Miller  
Date **11/18/10**

  
\_\_\_\_\_  
Eric R. Moellering  
Date **11/18/10**

STATE OF Michigan )  
COUNTY OF Ingham ) ss.

On this 18th day of January, in the year of 2010, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

NANCY J. BIEBER  
NOTARY PUBLIC - STATE OF MICHIGAN  
COUNTY OF INGHAM  
My Commission Expires Dec. 4, 2011  
Acting in the County of Ingham

  
\_\_\_\_\_  
NOTARY PUBLIC

SEAL