PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4049045

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YIP-WAH CHUNG	11/07/2013
TOBIN J. MARKS	11/05/2013
QIAN JANE WANG	11/11/2013
THOMAS ZOLPER	11/06/2013

RECEIVING PARTY DATA

Name:	NORTHWESTERN UNIVERSITY	
Street Address:	633 CLARK STREET	
City:	EVANSTON	
State/Country:	ILLINOIS	
Postal Code:	60208	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14647504

CORRESPONDENCE DATA

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Address Line 2: SUITE 200

Address Line 4: ANN ARBOR, MICHIGAN 48104

ATTORNEY DOCKET NUMBER:	14403-479
NAME OF SUBMITTER:	KEITH D. WEISS
SIGNATURE:	/Dr. Keith D. Weiss/
DATE SIGNED:	09/13/2016

Total Attachments: 4

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PATENT REEL: 039716 FRAME: 0462 504002389

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PATENT REEL: 039716 FRAME: 0463

ASSIGNMENT

WHEREAS, WE, Yip-Wah Chung, Tobin J. Marks, Qian Jane Wang, and Thomas Zolper (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 U.S. Patent Application:

NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES 10/23/16

ENERGY EFFICIENT, TEMPORARY SHEAR THINNING SILOXANE LUBRICANTS AND METHOD OF USING **Serial No.:** 61730793 **Filing Date:** November 28, 2012

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.

Liwling	11/7/2013
Yip-Wah Chung	DATE
State of ILLIN 015	
County of <i>Cook</i> ss.	
	, 2013, before me, a Notary Public in and for the County and State
aforesaid, appeared, to me personally known to and acknowledged that he or she executed said i	be the same person whose name is subscribed to the foregoing instrument nstrument as his or her free and voluntary act and for the uses and
purposes therein expressed.	has their her
	Ma Maria Indies NOTARY PUBLIC
[NOTARY SEAL]	My Commission Expires: 10/23/16
OFFICIAL SEAL ANA MARIA ANDRAS	Page 1 of 4

PATENT REEL: 039716 FRAME: 0464

Assignment for Execution

ENERGY EFFICIENT, TEMPORARY SHEAR THINNING SILOXANE LUBRICANTS AND METHOD OF USING Serial No.: 61730793 Filing Date: November 28, 2012

Tobin J. Marks DATE

State of <u>TLLINOIS</u>

County of <u>Cook</u>

ss

NOTARY PUBLIC

My Commission Expires: __/-20/4

NOTARY OFFICIAL SEAL ANN L. WHEATLEY-SEAMON NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires 01/21/2014

Assignment for Execution

Serial No.: 61730793 Filing Date: November 28, 2012

| Comparison of Content of Content

ENERGY EFFICIENT, TEMPORARY SHEAR THINNING SILOXANE LUBRICANTS AND METHOD OF USING

OFFICIAL SEAL
MOLLY E SCANLON
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 1973/16

Attorney Docket No. 14403-330 NU Reference No. 2010-065-03

Assignment for Execution

ENERGY EFFICIENT, TEMPORARY SHEAR THINNING SILOXANE LUBRICANTS AND METHOD OF USING Filing Date: November 28, 2012

Serial No.: 61730793

State of Shape

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 SEAL]

My Commission Expires: \-\\\-\\

"OFFICIAL SEAL" Linda Canada

Notary Public, State of Indiana Resident of Porter County My commission expires 1/16/2017

Page 4 of 4

RECORDED: 09/13/2016