## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5450603

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
PING WANG	09/08/2011
LITING ZHANG	09/08/2011
ANDREAS BUTHE	08/15/2011
XUEYAN ZHAO	09/08/2011

#### **RECEIVING PARTY DATA**

Name:	ame: REGENTS OF THE UNIVERSITY OF MINNESOTA	
Street Address: 600 MCNAMARA ALUMNI CENTER		
Internal Address: 200 OAK ST., S.E.		
City:	MINNEAPOLIS	
State/Country: MINNESOTA		
Postal Code:	55455	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16258564

### **CORRESPONDENCE DATA**

Fax Number: (248)647-5210

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.

Phone: 248-647-6000

Email: teresa.purdy@dinsmore.com **Correspondent Name: DINSMORE & SHOHL LLP** 

900 WILSHIRE DRIVE, SUITE 300 Address Line 1:

Address Line 4: TROY, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	Y DOCKET NUMBER: TTC-97704/08		
NAME OF SUBMITTER: WESTON R. GOULD, PH.D.			
SIGNATURE: /Weston Gould/			
DATE SIGNED:	04/01/2019		

**Total Attachments: 3** 

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**PATENT REEL: 048753 FRAME: 0146** 

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PATENT REEL: 048753 FRAME: 0147

#### ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this day of,, b	y
Ping Wang; Liting Zhang; Andreas Buthe; and Xueyan Zhao (hereinafter referred to as	
Assignors), residing at 3 Ridge Road, North Oaks, Minnesota 55127; 1393 Cleveland North	th,
St. Paul, Minnesota 55108; Humboldstrasse 4, 04105 Leipzig, GERMANY; and 116 India	n
Hills Lane, Circle Pines, Minnesota, respectively;	

WHEREAS, Assignors have invented certain new and useful improvements in IMPROVING ENZYME DISPERSION AND STABILITY IN POLYURETHANE COATINGS, set forth in a Utility application for Letters Patent of the United States, filed herewith; and

WHEREAS, Regents of the University of Minnesota, Department of Bioproducts & Biosystems Engineering, a organized under and pursuant to the laws of Minnesota, having its principal place of business at Biosystems and Agricultural Engineering Building; 1390 Eckles Avenue; St. Paul, MN 55108 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

TTC-97702/08 Client Ref. No. 2010-189 same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

TTC-97702/08 Client Ref. No. 2010-189 with the rules of the United States Patent and Trademark Office for recordation of this document:

# GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 63796

AND Assignors acknowledge an obligation of assignment of this invention to  $$\operatorname{Assignee}$$  at the time the invention was made.

Dais	24.	-2071 Signature:	Ping Wang
Date	<u> 9-3-2-11</u>	Signature:	Liting Zhang
Dare	<u> (X1/C1/2014 -</u>	Signature:	Andreas Buthe
Date	9-8-2011	Signature:	<u> </u>

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RECORDED: 04/01/2019