PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3136807

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| CESAR COMPADRE | 11/19/2014 |
| PHILIP J. BREEN | 11/19/2014 |
| MARTIN HAUER-JENSEN | 12/03/2014 |
| GUANGRONG ZHENG | 11/21/2014 |
| PETER CROOKS | 12/04/2014 |

RECEIVING PARTY DATA

| Name: | The Board of Trustees of the University of Arkansas |
|-----------------|---|
| Street Address: | 2404 North University |
| City: | Little Rock |
| State/Country: | ARKANSAS |
| Postal Code: | 72207 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14402792 |

CORRESPONDENCE DATA

Fax Number: (414)271-5770

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.

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Correspondent Name: TAMBRYN K. VANHEYNINGEN

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Address Line 2: SUITE 1100

Address Line 4: MILWAUKEE, WISCONSIN 53202

| ATTORNEY DOCKET NUMBER: | 5654-00011 |
|-------------------------|---------------------------|
| NAME OF SUBMITTER: | TAMBRYN K. VANHEYNINGEN |
| SIGNATURE: | /Tambryn K. VanHeyningen/ |
| DATE SIGNED: | 12/08/2014 |

Total Attachments: 6

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503090202 PATENT REEL: 034424 FRAME: 0553

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PATENT REEL: 034424 FRAME: 0554

ASSIGNMENT

Pursuant to our obligation to THE BOARD OF TRUSTEES OF THE UNIVERSITY OF

ARKANSAS (herein referred to as "Assignee"), having its principal place of business at:

2404 North University Avenue Little Rock, AR 72207

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Cesar Compadre 7201 Gable Dr. Little Rock, AR 72205

Philip J. Breen 94 Woodlore Circle Little Rock, AR 72211

Martin Hauer-Jensen 3229 Foxcroft Road Little Rock, AR 72227

Guangrong Zheng 1902 Dorado Beach Dr. Little Rock, AR 72212

Peter Crooks 22 Ridgefield Cove Little Rock, AR 72223

confirm our obligation to and effective as of May 22, 2012 hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest –

(1) in and to an invention entitled "METHODS FOR MAKING TOCOFLEXOLS AND ANALOGUES THEREOF" (Atty. File No. 5654-00007) for which International Patent Application No. PCT/US2013/30862 (hereinafter the "PCT application") was filed March 13, 2013, which application claims the benefit of the United States Provisional Patent Application No. 61/650,021, filed May 22, 2012 (hereinafter the "U.S. provisional patent application");

PATENT REEL: 034424 FRAME: 0555

- (2) in and to the PCT application and the U.S. provisional patent application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT application, or the U.S. provisional patent application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) in and to all applications filed under International Conventions on the invention or claiming priority to the PCT application and the U.S. provisional patent application.

We agree that any patent applications with a claim to priority based on the PCT application or the U.S. provisional patent application filed in any foreign countries may be filed in the name of Assignee.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed to be necessary, by Assignee, its successors or assigns, to complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

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| 11)912614 | |
|---|---|
| Date | Cesar Compadre, Inventor |
| State of Arkansas) County of Pokoki) | |
| I hereby certify that Cesar Compadre, personally the foregoing instrument, appeared before me this signed and delivered as the free and voluntary ac- forth. | s day and acknowledge that said instrument was |
| Given under my hand and seal, this | 19 day of November, 20 14 |
| | ALISON M. GILL MY COMMISSION # 12376156 EXPIRES: April 15, 2020 Pulaski County Notar Radian |
| | * 110ms January |
| 11/// 2014 Date | Philip J. Breen, Inventor |
| State ofArkansas} County ofRokuli} | |
| I hereby certify that Philip J. Breen, personally ke the foregoing instrument, appeared before me this signed and delivered as the free and voluntary ac- forth. | s day and acknowledge that said instrument was t of him, for the uses and purposes therein set |
| Given under my hand and seal, this | 19 day of Nosember 20)4 |
| | ALISON M. GILL NOTARY (LILL) MY COMMISSION # 1237615 EXPIRES: April 15, 2020 |
| | Pulaski County |

| 12/3/14 Date | Martin Hauer-Jensen, Inventor |
|---|--|
| State of Aclary) County of Pulastin) | |
| signed the foregoing instrument, appeared b | ersonally known to me to be the same person who efore me this day and acknowledge that said free and voluntary act of him, for the uses and day of Deember, 20 14 Aday of Deember, 20 14 Notaky Public |
| Date | Guangrong Zheng, Inventor |
| State of | |
| signed the foregoing instrument, appeared b | sonally known to me to be the same person who efore me this day and acknowledge that said free and voluntary act of him/her , for the uses and |
| Given under my hand and seal, this | day of; 20 |
| | Notary Public |

| Date | Martin Hauer-Jensen, Inventor |
|---|---|
| State of | |
| County of) | |
| signed the foregoing instrument, appeared to instrument was signed and delivered as the purposes therein set forth. | personally known to me to be the same person who pefore me this day and acknowledge that said free and voluntary act of him, for the uses and |
| Given under my hand and seal, this | day of, 20 |
| | , Notary Public |
| 11/21/2014 Date | Guangrong Zheng, Inventor |
| State of Akansas) County of Divola) | |
| signed the foregoing instrument, appeared by | resonally known to me to be the same person who before me this day and acknowledge that said free and voluntary act of |

| | Peter Crooks, Inventor |
|--|--|
| State of ACUISAS) County of OWI) | |
| foregoing instrument, appeared before me thi | known to me to be the same person who signed the is day and acknowledge that said instrument was y act of him, for the uses and purposes therein set |
| Given under my hand and seal, this _ | day of QCMQ(,20_14 |
| | ALISON M. GILL MY COMMISSION # 123761 EXPIRES: April 15, 2020 Note: Wildlic Pulsaski County |