PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| YADONG WANG | 09/04/2014 |
| ERIC M. JEFFRIES | 09/02/2014 |
| ROBERT A. ALLEN | 09/02/2014 |

RECEIVING PARTY DATA

| Name: | UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION |
|-------------------|---|
| Street Address: | 200 GARDNER STEEL CONFERENCE CENTER |
| Internal Address: | THACKERAY AND O'HARA STREETS |
| City: | PITTSBURGH |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 15260 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------|--------------|
| PCT Number: | US2013077226 |

CORRESPONDENCE DATA

Fax Number: (503)595-5301

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: 5035955300

Email: emily.hutsell@klarquist.com

Correspondent Name: KLARQUIST SPARKMAN, LLP

Address Line 1: ONE WORLD TRADE CENTER, SUITE 1600

Address Line 2: 121 SW SALMON STREET
Address Line 4: PORTLAND, OREGON 97204

| ATTORNEY DOCKET NUMBER: | 8123-90274-02 | |
|-------------------------|-----------------------|--|
| NAME OF SUBMITTER: | SUSAN ALPERT SIEGEL | |
| SIGNATURE: | /Susan Alpert Siegel/ | |
| DATE SIGNED: | 10/17/2014 | |

Total Attachments: 3

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PATENT REEL: 033975 FRAME: 0544

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PATENT REEL: 033975 FRAME: 0545

ASSIGNMENT

WHEREAS, we, Yadong Wang, of Allison Park, Pennsylvania, Eric M. Jeffries, of Pittsburgh, Pennsylvania, and Robert A. Allen, of Pittsburgh, Pennsylvania, have invented a certain invention, entitled METHODS OF ELECTROSPINNING AND COMPOSITIONS MADE THEREFROM, for which the following application has been filed:

U.S. Provisional Patent Application No. 61/745,380, filed on December 21, 2012; and PCT Patent Application No. PCT/US2013/077226, filed on December 20, 2013, both applications are collectively referred to as "the patent applications."

WHEREAS, UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a non-profit entity organized and existing under the laws of the Commonwealth of Pennsylvania, having a place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania 15260, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Yadong Wang, Eric M. Jeffries, and Robert A. Allen hereby sell, assign, and transfer to UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to UNIVERSITY OF PITTSBURGH – OF

THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

STATE OF Pennsylvania COUNTY OF Allegheny

This 44 day of September, 2014, before me personally came the above-named Yadong Wang, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Yadong Wang's own free will for the purpose set forth therein.

My commission expires: 09/01/17

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Carla D. Crawford, Notary Public

City of Pittsburgh, Allegheny County My Commission Expires Sept. 1, 2017 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARI

| | End my fre |
|--|---|
| At Pittsburgh PA (City and State) | Eric M. Jennes |
| on this 2nd day of September, 2014. | |
| STATE OF Pennsylvana) COUNTY OF Alleheny) ss. | |
| Eric M. Jeffries, who executed the foregoing instruto me that this instrument was executed by Eric M | . Jeffries's own free will for the purpose set |
| forth therein. | COMMONWEALTH OF PENNSYLVANIA Notarial Seal |
| | Carla D. Crawford, Notary Public City of Pittsburgh, Allegheny County My Commission Expires Sept. 1, 2017 |
| 12 | Notary Public For () |
| [SEAL] | My commission expires: $9/01/2017$ |
| | many |
| | Robert A. Allen |
| At Pitsburgh Ph (City and State) | |
| on this 2M day of Splenber, 2014. | |
| STATE OF Pennsy (vanio) | |
| STATE OF Pennsylvania) COUNTY OF Albertary) ss. | |
| This 2 day of Spender, 2014, t | pefore me personally came the above-named |
| Robert A. Allen, who executed the foregoing instruto me that this instrument was executed by Robert | ument in my presence, and who acknowledged |
| forth therein. | Carla Mayord |
| - | Notary Public For My commission expires: 09/01/2017 |
| [SEAL] | My commission expires: 09/01/2017 |
| | COMMONWEALTH OF PENNSYLVANIA |
| | Carla D. Crawford Notes P |
| Page 3 | My Commission Expires County |

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RECORDED: 10/17/2014