

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yong Lak Joo</td> <td>09/21/2012</td> </tr> <tr> <td>Daehwan Cho</td> <td>09/24/2012</td> </tr> <tr> <td>Eduard Zhmayev</td> <td>09/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yong Lak Joo	09/21/2012	Daehwan Cho	09/24/2012	Eduard Zhmayev	09/05/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Cornell University</td> </tr> <tr> <td>Street Address:</td> <td>395 Pine Tree Road</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 310</td> </tr> <tr> <td>City:</td> <td>Ithaca</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14850</td> </tr> </table>		Name:	Cornell University	Street Address:	395 Pine Tree Road	Internal Address:	Suite 310	City:	Ithaca	State/Country:	NEW YORK	Postal Code:	14850
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CORRESPONDENCE DATA													
<p>Fax Number: 315-422-93 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 315 423 7100 Email: mparr@harrisbeach.com Correspondent Name: Harris Beach/Syracuse Address Line 1: 333 West Washington Street Address Line 2: Suite 200 Address Line 4: Syracuse, NEW YORK 13202</p>													

ATTORNEY DOCKET NUMBER:	1258_4923US
NAME OF SUBMITTER:	Barry F. Manna
Total Attachments: 5 source=1258_4923US_Assignment#page1.tif source=1258_4923US_Assignment#page2.tif source=1258_4923US_Assignment#page3.tif source=1258_4923US_Assignment#page4.tif source=1258_4923US_Assignment#page5.tif	

JOINT ASSIGNMENT

WHEREAS, We, **Yong Lak Joo**, a United States citizen, residing at 419 Cayuga Heights Road, Ithaca, New York 14850 US, **Daehwan Cho**, a Korean citizen, residing at 13 Uptown Village, Apartment 101, Uptown Road, Ithaca, New York 14850 US, and **Eduard Zhmayev**, a Ukraine citizen, residing at 115 Woods Edge Drive, Painted Post, New York 14870 US have invented certain new and useful improvements in:

ELECTROSPINNING APPARATUS AND NANOFIBERS PRODUCED THEREFROM

- ☐ for which an application for Letters Patent in the United States of America is filed herewith.
- ☒ for which application for Letters Patent in the United States of America was filed as Serial No. PCT/US2011/024894 on February 15, 2011.

and

ELECTROSPINNING APPARATUS AND NANOFIBERS PRODUCED THEREFROM

- ☐ for which the undersigned has executed an application for patent in the United States of America on _____ and transmitted herewith.
- ☒ which application for patent was filed on February 15, 2010 and has been assigned Serial No. 61/304,666 by the United States Patent and Trademark Office.

and

ELECTROSPINNING APPARATUS AND NANOFIBERS PRODUCED THEREFROM

- ☐ for which the undersigned has executed an application for patent in the United States of America on _____ and transmitted herewith.
- ☒ which application for patent was filed on February 18, 2010 and has been assigned Serial No. 61/305,730 by the United States Patent and Trademark Office.

AND WHEREAS, **Cornell University**, with its principal place of business at **Cornell Center for Technology, Enterprise & Commercialization ("CCTEC")**, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Cornell University**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent

of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Cornell University**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Cornell University**, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Cornell University**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Each of the undersigned hereby grants to any duly empowered legal representative, including specifically all patent practitioners associated with the Customer No. **15204**, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

Witness Signature Option

Yong Lak Joo
Yong Lak Joo

9/21/12
Date

[Signature]
First Witness Signature

9/24/12
Date

Kyoung Hee Kim
First Witness Printed Name

[Signature]
Second Witness Signature

9/27/12
Date

Yong Lak Joo
Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2012.

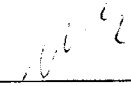
Yong Lak Joo

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2012, before me personally came the
above-named Yong Lak Joo, to me personally known as the individual who executed the
same of his own free will for the purposes therein set forth.

Notary Public
Commission expires on _____

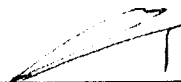
Witness Signature Option



Daehwan Cho

9/24/12

Date



First Witness Signature

9/24/12

Date

Kyung Moo Kim

First Witness Printed Name



Second Witness Signature

9/24/12

Date

Jong Seok Kim

Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day
of _____, 2012.

Daehwan Cho

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2012, before me personally came the
above-named Daehwan Cho, to me personally known as the individual who executed the
same of his own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

Witness Signature Option

Eduard Zhmayev

Date

First Witness Signature

Date

First Witness Printed Name

Second Witness Signature

Date

Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day
of September, 2012.

Eduard Zhmayev
Eduard Zhmayev

STATE OF New York
COUNTY OF Steuben SS:

This 5 day of September, 2012, before me personally came the
above-named Eduard Zhmayev, to me personally known as the individual who executed the
same of his own free will for the purposes therein set forth.

Anna Valenti
Notary Public
Commission expires on April 12, 2016

Anna Valenti
Notary Public, State of New York
Steuben County No. 01VA6108326
Commission Expires April 12, 2016