

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Henry S White</td> <td>01/02/2008</td> </tr> <tr> <td>Bo Zhang</td> <td>08/29/2007</td> </tr> <tr> <td>Ryan J White</td> <td>08/02/2007</td> </tr> <tr> <td>Eric N Ervin</td> <td>08/25/2007</td> </tr> <tr> <td>Gangli Wang</td> <td>09/07/2007</td> </tr> </tbody> </table>		Name	Execution Date	Henry S White	01/02/2008	Bo Zhang	08/29/2007	Ryan J White	08/02/2007	Eric N Ervin	08/25/2007	Gangli Wang	09/07/2007
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Utah</td> </tr> <tr> <td>Street Address:</td> <td>615 Arapeen Dr., Suite 310</td> </tr> <tr> <td>City:</td> <td>Salt Lake City</td> </tr> <tr> <td>State/Country:</td> <td>UTAH</td> </tr> <tr> <td>Postal Code:</td> <td>84108</td> </tr> </table>		Name:	University of Utah	Street Address:	615 Arapeen Dr., Suite 310	City:	Salt Lake City	State/Country:	UTAH	Postal Code:	84108		
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CORRESPONDENCE DATA													
<p>Fax Number: (703)583-8301</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7035838300</p> <p>Email: mail@dwpatentlaw.com</p> <p>Correspondent Name: Diederiks & Whitelaw, PLC</p> <p>Address Line 1: 13885 Hedgewood Dr., Suite 317</p> <p>Address Line 4: Woodbridge, VIRGINIA 22193-7932</p>													
ATTORNEY DOCKET NUMBER:	EBS012												
NAME OF SUBMITTER:	Everett G. Diederiks, Jr.												

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PATENT
REEL: 025344 FRAME: 0642

Total Attachments: 8

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WHEN RECORDED RETURN TO:

US PATENT APPLICATION No. 11/744,154
ATTORNEY DOCKET NO. 00846-U4056.NP

M. Wayne Western
THORPE NORTH & WESTERN, LLP
P.O. BOX 1219
SANDY, UTAH 84091-1219

ASSIGNMENT

WHEREAS, We,

Residence: Henry S. White
Salt Lake City, UT
Post Office Address: 3170 Skycrest Circle
Salt Lake City, UT 84108

Residence: Bo Zhang
State College, PA
Post Office Address: 425 Waupelani Drive, Apt. # 324
State College, PA 16801

Residence: Ryan J. White
Santa Barbara, CA
Post Office Address: 2128 Bath Street, Unit #3
Santa Barbara, CA 93105

Residence: Eric N. Ervin
Salt Lake City, UT
Post Office Address: 1498 South 2400 East
Salt Lake City, UT 84108

Residence: Gangli Wang
Atlanta, GA
Post Office Address: 1320 Brookhaven Circle, NE
Atlanta, GA 30319

(hereinafter "Assignors") have invented a certain new and useful improvement in a NANOPORE ELECTRODE AND NANOPORE MEMBRANE, METHODS OF PREPARATION AND SURFACE MODIFICATION, AND USE THEREOF for which a non-provisional application for United States Letters Patent was filed on May 3, 2007 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U4056.NP, and given U.S. Patent Application Serial No. 11/744,154; and

WHEREAS, University of Utah, an institution of higher education and a nonprofit organization organized and existing under the laws of the State of Utah, located at 615 Arapleen Dr., Suite 310, Salt Lake City, UT 84108 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby grant and assign unto the said Assignee, our entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all nonprovisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, nonprovisional, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested by the Assignee to further the prosecution of any of such patent applications;

Assignment

US Patent Application No. 11/744,154

Attorney Docket No. 00846-U4056.NP

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cooperation to the best of our ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuing, extension, and infringement proceedings involving said invention.

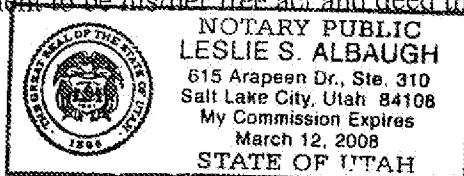
This assignment and agreement shall be binding upon our heirs and legal representatives.

Signed at Salt Lake City, UT^{USA}, this 2 day of Jan, 2007.
city, state, country (if not USA) day month year

Signed: Henry S. White
Henry S. White

STATE OF Utah)
County of Salt Lake) :SS

Before me personally appeared Henry S. White and acknowledged the foregoing instrument to be his/her free act and deed this 2nd day of January, 2007.



Leslie S. Albaugh
Notary Public

This assignment and agreement shall be binding upon our heirs and legal representatives.

Signed at University Park, PA, this 24 day of August, 2007.
city, state, country (if not USA) day month year

Signed: [Signature]
Bo Zhang

STATE OF Pennsylvania)
County of Centre) :ss

Before me personally appeared Bo Zhang and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of August, 2007.

NOTARIAL SEAL
Jean B. Welling, Notary Public
State College Boro., Centre County
My Commission expires March 6, 2010

[Signature]
Notary Public

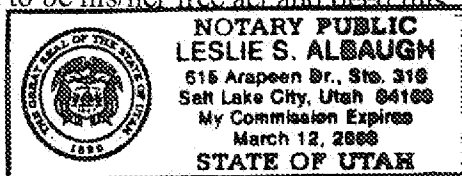
This assignment and agreement shall be binding upon our heirs and legal representatives.

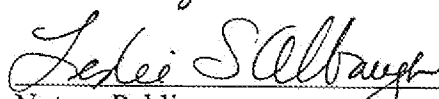
Signed at Salt Lake City, UT, this 2 day of August, 2007.
city, state, country (if not USA) day month year

Signed: 
Ryan J. White

STATE OF Utah)
County of Salt Lake) :SS

Before me personally appeared Ryan J. White and acknowledged the foregoing instrument to be his/her free act and deed this 2nd day of August, 2007.




Notary Public

This assignment and agreement shall be binding upon our heirs and legal representatives.

Signed at San Diego CA, this 25 day of 8, 07.
city, state, country (if not USA) day month year

Signed:

Eric N. Ervin
Eric N. Ervin

STATE OF California)
County of San Diego) :ss

Before me personally appeared Eric N. Ervin and acknowledged the foregoing instrument to be his/her free act and deed this 25th day of August, 2007.



Vera Crist
Notary Public

This assignment and agreement shall be binding upon our heirs and legal representatives.

Signed at Atlanta, GA, this 7th day of Sept., 2007.
city, state, country (if not USA) day month year

Signed: Gangli Wang
Gangli Wang

STATE OF Teresa Rucker-Henderson
Notary Public Fulton County, Georgia
County of My Commission Expires November 6, 2009

Before me personally appeared Gangli Wang and acknowledged the foregoing instrument to be his/her free act and deed this 7th day of Sept

