

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Guigen Zhang	07/15/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Clemson University
Street Address:	91 Technology Drive
City:	Anderson
State/Country:	SOUTH CAROLINA
Postal Code:	29625
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12777377
<b>CORRESPONDENCE DATA</b>	
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NAME OF SUBMITTER:	Betty-Lou Medlin
Total Attachments: 3 source=96627Assn#page1.tif source=96627Assn#page2.tif source=96627Assn#page3.tif	

CH \$40.00 12777377

**ASSIGNMENT**

THIS ASSIGNMENT, made by me, **Guigen Zhang**, a citizen of the United States of America, residing at residing at 103 Sycamore Drive, Clemson, South Carolina 29631;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in ELECTRICAL DOUBLE LAYER CAPACITIVE DEVICES AND METHODS OF USING SAME FOR SEQUENCING POLYMERS AND DETECTING ANALYTES for which U.S. Patent Application No. 12/777,377 was filed on **May 11, 2010**, in the United States Patent and Trademark Office; and

WHEREAS, **Clemson University**, a constituent institution of South Carolina and an educational institution chartered under the laws of the State of South Carolina, having a principal office at 91 Technology Drive, Anderson, South Carolina 29625, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

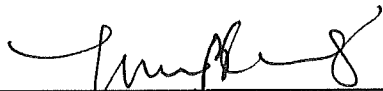
I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to promptly communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 15 day of

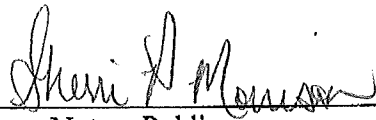
July, 2010.

  
\_\_\_\_\_  
Guigen Zhang (SEAL)

STATE OF South Carolina )  
COUNTY OF Pickens )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this

15<sup>th</sup> day of July, 2010.

  
\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires: Sept. 12, 2012

WHEREBY **Clemson University** acknowledges and accepts the assignment;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21<sup>st</sup> day of July, 2010. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee, **Clemson University**.

By: [Signature] (SEAL)

Title: Interim VP for Research

STATE OF SC)

COUNTY OF Anderson)

Before me personally appeared the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this 21<sup>st</sup> day of July, 2010

[Signature]  
Notary Public

SEAL

My Commission Expires: Oct. 4, 2017