

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5379353

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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GUIGEN ZHANG	01/18/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15875398
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DATE SIGNED:	02/15/2019
Total Attachments: 1	
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ASSIGNMENT

WHEREAS, We, Samuel Bearden, having an address of 235 Willow Court, Apartment 89, Central, SC 29630, a South Carolina resident, and Guigen Zhang, having an address of 301 Rhodes Research Center, Clemson, SC 29634, have invented certain new and useful improvements in an **IMPROVED SYSTEM AND METHOD FOR USING ELECTRICAL DOUBLE LAYER IN NANOPORES FOR DETECTION AND IDENTIFICATION OF MOLECULES AND SUB-MOLECULAR UNITS** for which a United States Design Patent was filed; hereby authorize and request attorney (Douglas W. Kim), of McNair Law Firm, P.A., P.O. Box 447, Greenville, SC, 29602, to insert here in parentheses (Application No.: 62/448,166, filed 01/19/2017) the filing date and application number of said application when known; said patent application and the invention described therein being hereafter referred to as the "Patent Rights".

WHEREAS, Clemson University ("Assignee"), a South Carolina public research university, having an address of 230 Kappa Street, Clemson, SC 29634, is desirous of acquiring my entire right, title, and interest in and to said Patent Rights;

NOW THEREFORE, for good and valuable consideration given to us in hand paid, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, We, the aforesaid have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors and assigns, our full and exclusive right to the Patent Rights in the United States and its territorial possessions, and in all foreign countries, and our entire right, title and interest in and to any and all Letters Patent of the United States and its territorial possessions, and in any and all foreign countries to be obtained therefore on said Patent Rights or any continuation, continuation-in-part, division, renewal, substitute or reissue, or reexamination thereof for the full term for which the same may be granted.

We hereby authorize and request the Patent Office to assign the above identified Patent Application to Assignee as the assignee of my entire right, title and interest in and to the same.

Further, We will communicate to Assignee any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper protection of the invention and Patent Rights in the United States, and in any and all foreign countries.

IN TESTIMONY WHEREOF, We have executed this Assignment on the date given below:

1/18/2017
Date

1/18/2017
Date

Samuel Bearden
Samuel Bearden
Guigen Zhang
Guigen Zhang