

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DALE TEETERS	03/13/2013
MATHEW SMITH	03/13/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE UNIVERSITY OF TULSA
<b>Street Address:</b>	800 SOUTH TUCKER DRIVE
<b>City:</b>	TULSA
<b>State/Country:</b>	OKLAHOMA
<b>Postal Code:</b>	74104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15440121
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(918)584-1718
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<b>Phone:</b>	918-587-2000
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<b>Correspondent Name:</b>	HEAD, JOHNSON & KACHIGIAN, P.C.
<b>Address Line 1:</b>	228 W 17TH PLACE
<b>Address Line 4:</b>	TULSA, OKLAHOMA 74119
<b>ATTORNEY DOCKET NUMBER:</b>	TUL825-00/12219A
<b>NAME OF SUBMITTER:</b>	MARK G. KACHIGIAN
<b>SIGNATURE:</b>	/markgkachigian/
<b>DATE SIGNED:</b>	02/23/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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**DECLARATION AND ASSIGNMENT**

Title of the Invention: **NANOPATTERNED SUBSTRATE SERVING AS BOTH A  
CURRENT COLLECTOR AND TEMPLATE FOR  
NANOSTRUCTURED ELECTRODE GROWTH**

As the below named inventor, I hereby declare that:

This declaration is directed to United States application or PCT Application Serial No. 13/803,582, filed 03/14/2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

WHEREAS, THE UNIVERSITY OF TULSA, a non-profit organization existing under the laws of the State of Oklahoma doing business at 800 South Tucker Drive, Tulsa, Oklahoma 74104 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention, application, and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW, THEREFORE, this indenture witnesseth that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over to the said ASSIGNEE, the full and exclusive right to the said invention and application, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States, its territorial possessions, and any and all foreign countries which may be granted therefor, and any and all extensions, reissues or certificates of reexamination of said Letters Patent, including the right of priority and the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories and foreign countries are or may be granted, extended, reissued, or reexamined as fully and entirely as same would have been held and enjoyed by me had this Assignment and sale had not been made.

AND, I hereby authorize and request the Commissioner of Patents of the United States, its territorial possessions, and any and all foreign countries to issue any and all Letters Patent on said invention, or resulting from said application, and from any and all divisions and continuations,

extensions, reissues or reexaminations thereof to the said ASSIGNEE, of the entire right, title and interest, and hereby covenants that I have full right to convey the entire interest therein assigned, and that I have not executed and will not execute any agreement in conflict therewith.

AND, I further hereby covenant and agree that I will, at any time, upon request, at the expense of said ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, and to said Letters Patent as may be granted therefor, in said ASSIGNEE, its successors, assigns, or other legal representatives, and that if said ASSIGNEE, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure an extension, a reissue or certificate of reexamination of such Letters Patent, or to file a disclaimer relating thereto, will, upon request, sign all papers, make all rightful oaths, and do all acts requisite for the filing of such divisional or continuing application, or such application for extension, reissue or request for reexamination and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, its successors or other legal representatives.

AND, I do further covenant and agree, that I will, at any time, upon request, communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at its expense, such facts relating to said invention and Letters Patent or the history thereof, as may be known to me, and testify as to the same in any interference or other litigation, when requested to do so.

The undersigned hereby grants the firm of Head, Johnson & Kachigian, P.C. of 228 West 17<sup>th</sup> Place, Tulsa, Oklahoma 74119, the power to insert on this assignment any further identification, including the application serial number and filing date, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

LEGAL NAME OF INVENTOR: DALE TEETERS

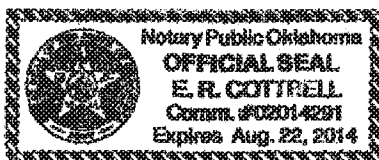
Inventor's signature: Dale Teeters Date: 3-13-2013

STATE OF OKLAHOMA     )  
                                      ) SS:  
COUNTY OF TULSA     )

On this 13<sup>th</sup> day of March, 2013, before me personally appeared Dale Teeters, Ph.D., to me known to be the person described hereinabove who executed the foregoing Declaration and Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: 8/22/2014  
My Commission No.: 02014291

E. R. Cottrell  
Notary Public



LEGAL NAME OF INVENTOR: MATHEW SMITH

Inventor's signature: Mathew Smith

Date: 3-13-2013

STATE OF OKLAHOMA     )  
                                      ) SS:  
COUNTY OF TULSA     )

On this 13<sup>th</sup> day of March, 2013, before me personally appeared Mathew Smith, to me known to be the person described hereinabove who executed the foregoing Declaration and Assignment, and who acknowledged to me that he executed the same for the reasons and purpose therein set forth.

My Commission Expires: 8/22/2014  
My Commission No.: 02014291

E. R. Cottrell  
Notary Public

