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PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | |
| CONVEYING PARTY DATA | | | | |
| Name | | Execution Date | | |
| JAY CLARKE HANAN | | 11/01/2013 | | |
| RECEIVING PARTY DATA | | | | |

| Name: | THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY |
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| City: | STILLWATER |
| State/Country: | OKLAHOMA |
| Postal Code: | 74078 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14115580 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 50872/13-333 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | DAVID G. WOODRAL |
| Signature: | /david g. woodral/ |
| Date: | 11/04/2013 |
| | PATENT |

REEL: 031539 FRAME: 0812

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 031539 FRAME: 0813

PATENT

Atty. Docket No.: 50872/13-333

ASSIGNMENT AND DECLARATION

WHEREAS, JAY CLARKE HANAN, residing at 3901 Sea Ray Channel, Edmond, OK 73013-8763 (hereinafter referred to as "ASSIGNOR") has invented a certain new and useful invention entitled "POLYETHYLENE TEREPHTHALATE-GRAPHENE NANOCOMPOSITES", as described and claimed in a utility application for patent in the United States of America filed on November 4, 2013, and accorded Serial No. 14/115, 580 (hereinafter referred to as the "APPLICATION"), identified above and executed by ASSIGNOR, which claims priority to provisional application Serial No. 61/482,048 filed May 3, 2011, and international patent application No. PCT/US2012/036376, filed May 3, 2012; and

WHEREAS, THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, an institution of higher education located at 201 Cordell North, Stillwater, Oklahoma 74078 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest of ASSIGNOR in and to the aforementioned invention and APPLICATION, and in, to and under any and all Letters Patent of the United States and in any and all foreign countries issued thereon;

NOW, THEREFORE, this Assignment witnesseth that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR, the inventor, has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to ASSIGNEE, all of ASSIGNOR'S right, title and interest in and to the above-referenced invention and APPLICATION and any and all divisional, continuations, continuations-in-part, requests for continued examination, or other applications subsequently filed claiming the benefit of said APPLICATION, 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 such Letters Patent, including all rights 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 ASSIGNEE for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives, to the end of the term or terms for which such Letters Patent are or may be granted, extended, reissued or reexamined as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment had not been made.

AND, ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States on the invention, or resulting from an application which claims the benefit of the present APPLICATION, and from any and all divisions and continuations, extensions, requests for continued examination, reissues or reexaminations of any such application to ASSIGNEE, and hereby covenants that ASSIGNOR has full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed and will not execute any agreement in conflict herewith.

AND, ASSIGNOR further hereby covenants and agrees that he will, at any time, upon request and at the expense of ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable to perfect the title to the invention and APPLICATION and any Letters Patent as may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that if ASSIGNEE, its successors, assigns, or other legal representatives shall desire to file any regular application, division or continuation application, or to secure an extension, reissue or reexamination of such Letters Patent, or to

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file a disclaimer relating thereto, will, upon request, sign all papers, make all rightful oaths, and do all requisite acts for the filing of such regular application, division, continuing, or reissue application, request for continued examination, request for reexamination or disclaimer, without further compensation.

AND, ASSIGNOR further agrees to communicate to ASSIGNEE, its successors, assigns, or other legal representatives, such facts relating to the invention disclosed in the present APPLICATION or Letters Patent issuing therefrom as may be known, and to testify as to such facts in any interference or other litigation when requested to do so.

To comply with 37 CFR 3.21 for recordal of this Assignment, I hereby authorize and request the recording attorney to insert above the filing date and/or application serial number when they become known.

ASSIGNOR also hereby declares and affirms that:

- I have reviewed and understand the contents of the APPLICATION, including any and all claims thereof and am aware of the duty to disclose to the U.S. Patent Office all information known to be material to patentability;
- 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; and
- 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 five years, or both.

Executed by the undersigned on the date indicated.

#30759-v

RIE HANAN