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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
CLEMSON UNIVERS	ITY		12/13/2018	
RECEIVING PARTY	ΟΑΤΑ			
Name:	CLEMS	CLEMSON UNIVERSITY RESEARCH FOUNDATION		
Street Address:	P.O. BO	P.O. BOX 946		
City:	CLEMS	CLEMSON		
State/Country:	SOUTH	SOUTH CAROLINA		
Postal Code:	29633-0	29633-0946		
	J			
PROPERTY NUMBER	RS Total: 1			
Property Type		Number		
Application Number:		6158366		
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DATE SIGNED:		12/18/2018	12/18/2018	
Total Attachments: 2		I		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants/Inventor(s): Kyle Brinkman, Siwei Wang, Jian He, Yufei Liu

Serial No.: 16/158,366

Filing Date: October 12, 2018

Title: Graphene-Ceramic Composite Membrane for Hydrogen Separation Membranes

ASSIGNMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

WHEREAS Clemson University, whose address is 230 Kappa Street, Clemson, SC 29634 (hereinafter referred to as Assignor), has previously been assigned the entire right, title and interest in application for Letters Patent of the United States of America for the invention which is entitled:

"Graphene-Ceramic Composite Membrane for Hydrogen Separation Membranes"

AND WHEREAS, Clemson University Research Foundation, whose address is Post Office Box 946, Clemson, South Carolina 29633-0946 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby sell, assign and transfers to the Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

The Assignor hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

PATENT REEL: 047801 FRAME: 0458 The Assignor further covenant that the Assignor will promptly provide, upon written request. Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to the Assignor and that they will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignor has executed this document on the date indicated below:

APPROVED

Clemson University Vice President for Research

Clemson University Vice President for Finance & Operations

12/13/18 Date

ACKNOWLEDGED AND ACCEPTED

Clemson University Research Foundation

2/12 Date