

## 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>
DANMENG SHUAI	02/28/2017
QINMIN ZHENG	02/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE GEORGE WASHINGTON UNIVERSITY
<b>Street Address:</b>	2121 I STREET
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<b>City:</b>	WASHINGTON
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<b>Postal Code:</b>	20052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15434959
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	ljamoss@blankrome.com
<b>Correspondent Name:</b>	PETER WEISSMAN/BLANK ROME
<b>Address Line 1:</b>	1825 EYE STREET NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	130761.00844
<b>NAME OF SUBMITTER:</b>	PETER S. WEISSMAN
<b>SIGNATURE:</b>	/Peter S. Weissman/
<b>DATE SIGNED:</b>	04/03/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Danmeng SHUAI, residing at 12609 Pinecrest Road, Herndon, VA 20171; and Qinmin ZHENG, residing at 1900 S. Eads St., 114, Arlington, VA 22202 (hereinafter referred to as "Assignors");

WHEREAS, said Assignors have invented certain new and useful improvements in DOPED GRAPHITIC CARBON NITRIDES, METHODS OF MAKING AND USES OF THE SAME in an Application for Letters Patent of the United States, filed on February 16, 2017 as U.S. Patent Application No. 15/434,959; and

WHEREAS, The George Washington University, a Congressionally Chartered Not-For-Profit Corporation, having its principal place of business at Rice Hall, Suite 601, 2121 I Street, NW, Washington, DC 20052 (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all non-provisionals, divisions, continuations, and continuations-in-part of said

application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, and all rights of priority resulting from the filing of the application(s) and/or rights to claim priority from the application(s), the same to be held and enjoyed by the said Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, the said Assignors hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignors hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including post-grant proceedings (including interference proceedings, post-grant review, Inter Partes Review, Reexamination, derivation, Supplemental Examination and Reissue), is lawful and desirable, that any non-provisional, division, continuation or

continuation-in-part of any application for Letters Patent, post-grant proceeding, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, validity and defense of Letters Patent for said inventions in any country, without charge to the said Assignors, its successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

AND said Assignors hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

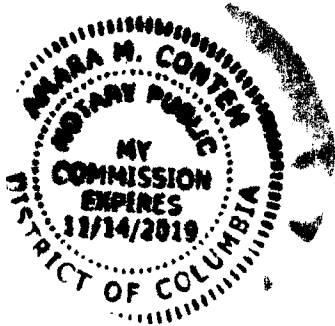
The undersigned hereby grants the firm of Blank Rome LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

District of Columbia: SS  
Subscribed and Sworn to before me  
this 28<sup>th</sup> day of February, 2017  
Amaria M. Cortez  
Notary Public, D.C.  
My commission expires 11/14/2019

Date: 2/28/17 MP H S  
Danmeng SHUAI

~~STATE OF~~ District of Columbia  
COUNTY OF

On this 28<sup>th</sup> day of February, 2017, personally before me came Danmeng SHUAI, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.



NOTARY PUBLIC Amaria M. Cortez

My Commission Expires: 11/14/2019

Date: 02/28/2017 ZHENG  
Qinmin ZHENG

~~STATE OF~~ District of Columbia  
COUNTY OF

On this 28<sup>th</sup> day of February, 2017, personally before me came Qinmin ZHENG, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.



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