

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James M. Tour</td> <td>01/07/2013</td> </tr> <tr> <td>Dmitry V. Kosynkin</td> <td>01/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	James M. Tour	01/07/2013	Dmitry V. Kosynkin	01/16/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>William Marsh Rice University</td> </tr> <tr> <td>Street Address:</td> <td>6100 Main Street</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77005</td> </tr> </table>		Name:	William Marsh Rice University	Street Address:	6100 Main Street	City:	Houston	State/Country:	TEXAS	Postal Code:	77005
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PROPERTY NUMBERS Total: 3											
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CORRESPONDENCE DATA											
<p>Fax Number: 7136502400</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: famini@winstead.com</p> <p>Correspondent Name: Farhang Amini</p> <p>Address Line 1: Winstead PC</p> <p>Address Line 2: P.O. Box 131851</p> <p>Address Line 4: Houston, TEXAS 75313</p>											
ATTORNEY DOCKET NUMBER:	11321-P186WO										
NAME OF SUBMITTER:	Farhang Amini, Ph.D.										
<p>Total Attachments: 3</p> <p>source=Executed_Assignment#page1.tif</p> <p>source=Executed_Assignment#page2.tif</p> <p>source=Executed_Assignment#page3.tif</p>											

CH \$120.00 61180505

*Assignment of Invention*

WHEREAS, I, **James M. Tour**, 4625 Spruce Street, Bellaire, Texas 77401, United States of America and I, **Dmitry V. Kosynkin**, 2250 Bering Drive, Houston, Texas 77057, United States of America have invented certain new and useful improvements in “**METHODS FOR PREPARATION OF GRAPHITE OXIDE BY OXIDATIVE EXFOLIATION OF GRAPHITE IN MIXED ACID MEDIA**” for which a provisional application was filed on May 22, 2009 under Serial Number 61/180,505; “**METHODS FOR PREPARATION OF GRAPHITE OXIDE BY OXIDATIVE EXFOLIATION OF GRAPHITE IN MIXED ACID MEDIA AND DRILLING FLUID COMPOSITIONS DERIVED THEREFROM**” for which a provisional application was filed on June 10, 2009 under Serial Number 61/185,640; and “**HIGHLY OXIDIZED GRAPHENE OXIDE AND METHODS FOR PRODUCTION THEREOF**” for which a PCT application was filed on May 14, 2010 under International Application Number PCT/US2010/034905;

WHEREAS, **WILLIAM MARSH RICE UNIVERSITY**, a university organized under the laws of Texas, having a principal office and place of business at 6100 Main Street, Houston, Texas 77005 (hereinafter ASSIGNEE) desires to jointly acquire from James M. Tour and Dmitry V. Kosynkin the entire right, title and interest each has in and to said invention and to any Letters Patent that may be granted thereof from said applications in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents so sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefore in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to

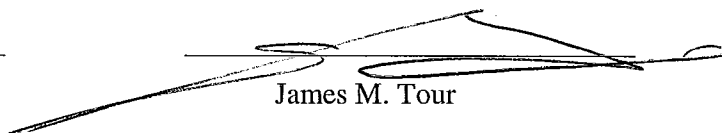
issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE 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.

EXECUTED AT: Houston, Texas, USA  
(City, State, Country)

Date: 1/7/2013

  
James M. Tour

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_

\_\_\_\_\_  
Dmitry V. Kosynkin

issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

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EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
James M. Tour

EXECUTED AT: Dhahran, Saudi Arabia  
(City, State, Country)

Date: 01/16/2013  
  
Dmitry V. Kosynkin