

**PATENT ASSIGNMENT**

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mingdi Yan</td> <td>10/05/2009</td> </tr> <tr> <td>Olof Ramstrom</td> <td>10/05/2009</td> </tr> <tr> <td>Li-Hong Liu</td> <td>10/05/2009</td> </tr> <tr> <td>Xin Wang</td> <td>10/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Mingdi Yan	10/05/2009	Olof Ramstrom	10/05/2009	Li-Hong Liu	10/05/2009	Xin Wang	10/05/2009
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Mingdi Yan	10/05/2009										
Olof Ramstrom	10/05/2009										
Li-Hong Liu	10/05/2009										
Xin Wang	10/05/2009										
<b>RECEIVING PARTY DATA</b>											
Name:	State of Oregon by and through the State Board of Higher Education on Behalf of Portland State University										
Street Address:	1721 SW Broadway										
City:	Portland										
State/Country:	OREGON										
Postal Code:	97207-0751										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12455269</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12455269						
Property Type	Number										
Application Number:	12455269										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(503)595-5301										
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NAME OF SUBMITTER:	Gillian Gardner										

CH \$40.00 12455269

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**PATENT  
 REEL: 023385 FRAME: 0537**

Total Attachments: 2

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## ASSIGNMENT

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**Assignee:** STATE OF OREGON BY AND THROUGH THE STATE BOARD OF  
HIGHER EDUCATION ON BEHALF OF PORTLAND STATE  
UNIVERSITY

1721 SW Broadway  
Portland, Oregon 97207-0751

### **Title of**

**Inventions:** Immobilizing Polymers on Materials (PSU Yanm-003)  
Solution Based Synthesis of Functionalized Graphene (PSU Yanm-004)

### **Patent**

#### **Applications:**

U.S. Provisional Patent Application No. 60/906,863, filed on March 12, 2007, entitled  
"METHOD FOR IMMOBILIZING POLYMERS ON MATERIALS,"

U.S. Provisional Patent Application No. 61/063,635, filed on February 4, 2008, entitled  
"CARBOHYDRATE-DECORATED MAGNETIC NANOMATERIALS FOR  
DETECTION AND DECONTAMINATION OF PATHOGENS AND TOXINS,"


PCT Patent Application No. PCT/US2008/003348, filed on March 12, 2008, entitled  
"METHOD FOR FUNCTIONALIZING MATERIALS AND DEVICES  
COMPRISING SUCH MATERIALS,"

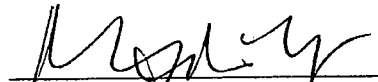
U.S. Provisional Patent Application No. 61/130,210, filed on May 28, 2008, entitled  
"SOLUTION-BASED SYNTHESIS OF FUNCTIONAL GRAPHENE," and

U.S. Patent Application No. 12/455,269, filed on May 28, 2009, entitled "METHOD FOR FUNCTIONALIZING MATERIALS AND DEVICES COMPRISING SUCH MATERIALS,"

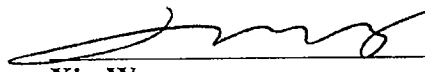
For good and valuable consideration, the receipt of which is hereby acknowledged, the above named Assignors hereby sell, assign, and transfer to Assignee, the full and exclusive right, title, and interest in and to the above identified invention, patent application, and patent rights throughout the world, including foreign patent priority rights; said invention, application, and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals, and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignors had this agreement and sale not been made, and covenant that Assignors has full right to do so, and agree that Assignors will communicate to Assignee, or its successors and assigns, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional, and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed at Portland, Oregon, this 5 day of October, 2009.

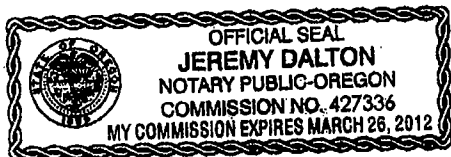
  
\_\_\_\_\_  
Olof Ramstrom


  
\_\_\_\_\_  
Mingdi Yan

  
\_\_\_\_\_  
Li-Hong Liu

  
\_\_\_\_\_  
Xin Wang

Before me this 5 day of October, 2009, personally appeared the above named individuals, to me known to be the persons who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of his own free will for the purpose therein expressed.



  
\_\_\_\_\_  
Notary Public for Oregon  
My commission expires: