



03-20-2002



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PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Yong Wang  
Ya-Huei Chin  
Yufei Gao  
*3-7-02*  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Battelle Memorial Institute  
Internal Address: P.O. Box 999  
  
  
Street Address: 902 Battelle Boulevard  
  
City: Richland State: WA Zip: 99352  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
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Execution Date: 2/18/2002

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No.(s) 10/032,207  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Stephen R. May  
Internal Address: P.O. Box 999  
  
  
Street Address: 902 Battelle Boulevard  
  
City: Richland State: WA Zip: 99352

6. Total number of applications and patents involved:   
7. Total fee (37 CFR 3.41).....\$ \_\_\_\_\_  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
02-1275

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9. Signature.  
Stephen R. May *Stephen R. May* Feb 26, 2002  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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03/19/2002 GTOM11 00000208 021275 10032207  
01 FC:581 40.00 CH

PATENT  
REEL: 012682 FRAME: 0967

ASSIGNMENT

Yong Wang  
Ya-Huei Chin  
Yufei Gao

to

Battelle Memorial Institute

WHEREAS we, Yong Wang, of Richland, in the County of Benton, and State of Washington; Ya-Huei Chin, of Richland, in the County of Benton, and State of Washington; and Yufei Gao, of Blue Bell, in the County of Montgomery, and State of Pennsylvania; have made certain inventions in CARBON NANOTUBE-CONTAINING CATALYSTS, METHODS OF MAKING, AND REACTIONS CATALYZED OVER NANOTUBE CATALYSTS, described and claimed in Application Serial Number 10/032,207, filed December 21, 2001; and

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

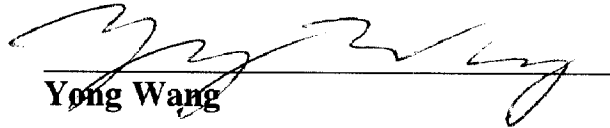
NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Battelle Memorial Institute, as the assignee of our entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions, of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

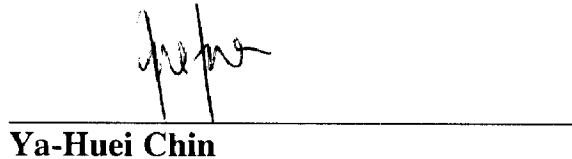
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IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 14<sup>th</sup> day of February, 2002.

  
Yong Wang

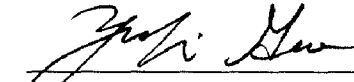
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IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 14<sup>th</sup> day of February, 2002.

  
Ya-Huei Chin

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal

at Blue Bell, Pennsylvania, this 18 day of February, 2002.

  
\_\_\_\_\_

Yufei Gao