

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Vesselin N. Shanov</td><td>06/18/2007</td></tr><tr><td>Andrew Gorton</td><td>06/28/2007</td></tr><tr><td>Yeo-Heung Yun</td><td>06/25/2007</td></tr><tr><td>Mark J. Schulz</td><td>06/18/2007</td></tr></tbody></table>		Name	Execution Date	Vesselin N. Shanov	06/18/2007	Andrew Gorton	06/28/2007	Yeo-Heung Yun	06/25/2007	Mark J. Schulz	06/18/2007
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>University of Cincinnati</td></tr><tr><td>Street Address:</td><td>2624 Clifton Avenue</td></tr><tr><td>City:</td><td>Cincinnati</td></tr><tr><td>State/Country:</td><td>OHIO</td></tr><tr><td>Postal Code:</td><td>45221</td></tr></table>		Name:	University of Cincinnati	Street Address:	2624 Clifton Avenue	City:	Cincinnati	State/Country:	OHIO	Postal Code:	45221
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11734143</td></tr></tbody></table>		Property Type	Number	Application Number:	11734143						
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CORRESPONDENCE DATA											
Fax Number: (513)241-6234 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 513-241-2324											
Email: kkuehn@whepatent.com											
Correspondent Name: Wood, Herron & Evans, LLP											
Address Line 1: 2700 Carew Tower											
Address Line 2: 441 Vine Street											
Address Line 4: Cincinnati, OHIO 45202											
ATTORNEY DOCKET NUMBER:	UOC-203										
NAME OF SUBMITTER:	Kevin E. Kuehn										

OP \$40.00 11734143

**Total Attachments: 7**

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## **ASSIGNMENT OF INVENTION AND PATENTS THEREON**

WHEREAS, we, **VESSELIN N. SHANOV**, of 2638 Fleetwood Avenue, Cincinnati 45211 in the State of **Ohio**, **ANDREW GORTON**, of 660 Geary Boulevard, #101, San Francisco 94121, in the State of **California**, **YEO-HEUNG YUN**, of 2480 Fairview, Apt. 209, Cincinnati 45219 in the State of **Ohio**, and **MARK J. SCHULZ**, of 7283 Clubhouse Court, West Chester 45069 in the State of **Ohio** have invented **COMPOSITE CATALYST AND METHOD FOR MANUFACTURING CARBON NANOSTRUCTURED MATERIALS**, as fully disclosed in an application for Patent filed by us on April 11, 2007, Serial No. 11/734,143, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, **UNIVERSITY OF CINCINNATI**, a corporation organized under the laws of the State of Ohio, and having its principal office at **2624 Clifton Avenue, Cincinnati, Ohio 45221-0623** desires to acquire the entire interest in and to the subject matter disclosed in said application and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said **UNIVERSITY OF CINCINNATI** my entire right, title and interest in and to the subject matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject matter disclosed therein to the above named Assignee, its legal representatives and assigns.

Witness my hand this 18 day of June, 2007

Vesselin Shanon  
VESSELIN N. SHANOV, Inventor

Witness my hand this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
ANDREW GORTON, Inventor

Witness my hand this 25 day of June, 2007

Yeo Heung Yun  
YEO-HEUNG YUN, Inventor

Witness my hand this 18 day of June, 2007

Mark J. Schulz  
MARK J. SCHULZ, Inventor

STATE OF OHIO )  
COUNTY OF HAMILTON ) ss.

On this 18th day of June, 2007, before me personally appeared  
**VESSELIN N. SHANOV**, to me known and known to me to be the **Inventor** aforesaid,  
who duly acknowledged the signing of the foregoing instrument to be his voluntary act  
and deed and who executed the same for the uses and purposes therein specified.

(SEAL)



MARY K. TENSING  
Notary Public, State of Ohio  
My commission expires 06/20/2009

Mary K. Tensing  
Notary Public

My Commission Expires: 6/20/2009

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me personally appeared **ANDREW GORTON**, to me known and known to me to be the **Inventor** aforesaid, who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires:

STATE OF OHIO )  
 ) ss.  
COUNTY OF HAMILTON )

On this 25th day of June, 2007, before me personally appeared **YEO-HEUNG YUN**, to me known and known to me to be the **Inventor** aforesaid, who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.



MARY K. TENSING  
Notary Public, State of Ohio  
My commission expires 06/20/2009

Mary K. Tensing  
Notary Public

My Commission Expires: 6/20/2009

STATE OF OHIO )  
 ) ss.  
COUNTY OF HAMILTON )

On this 18th day of June, 2007, before me personally appeared **MARK J. SCHULZ**, to me known and known to me to be the **Inventor** aforesaid, who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.



MARY K. TENSING  
Notary Public, State of Ohio  
My commission expires 06/20/2009

Mary K. Tensing  
Notary Public

My Commission Expires: 6/20/2009

K:\UOC\203\ASSIGNMENT:23722-1 DJOSEPHI

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, we, **VESSELIN N. SHANOV**, of 2638 Fleetwood Avenue, Cincinnati 45211 in the State of **Ohio**, **ANDREW GORTON**, of 550 Geary Boulevard, #101, San Francisco 94121, in the State of **California**, **YEO-HEUNG YUN**, of 2480 Fairview, Apt. 209, Cincinnati 45219 in the State of **Ohio**, and **MARK J. SCHULZ**, of 7283 Clubhouse Court, West Chester 45069 in the State of **Ohio** have invented **COMPOSITE CATALYST AND METHOD FOR MANUFACTURING CARBON NANOSTRUCTURED MATERIALS**, as fully disclosed in an application for Patent filed by us on April 11, 2007, Serial No. 11/734,143, preparatory to obtaining Letters Patent of the United States therefor; and

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NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said **UNIVERSITY OF CINCINNATI** my entire right, title and interest in and to the subject matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject matter disclosed therein to the above named Assignee, its legal representatives and assigns.

K:\UOC\203\ASSIGNMENT:23722-1 DJOSEPHI



STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me personally appeared **ANDREW GORTON**, to me known and known to me to be the **Inventor** aforesaid, who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires:

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me personally appeared **YEO-HEUNG YUN**, to me known and known to me to be the **Inventor** aforesaid, who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires:

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me personally appeared **MARK J. SCHULZ**, to me known and known to me to be the **Inventor** aforesaid, who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires:

R:\UOC\203\ASSIGNMENT:23722-1 DJOSEPHI

PATENT

REEL: 019500 FRAME: 0229



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Marin

SS.

On June 28, 2007 before me, Rachel Tongco, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Andrew Gorton

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Rachel Tongco  
Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Assignment of Invention + Patents Thereon

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- ☐ Individual
- ☐ Corporate Officer — Title(s): \_\_\_\_\_
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



PATENT