

## 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>Katherine P Mitchell</td> <td>12/14/2011</td> </tr> <tr> <td>Amy M Heintz</td> <td>01/04/2012</td> </tr> <tr> <td>Brett R Burton</td> <td>12/13/2011</td> </tr> <tr> <td>Ioan I Feier</td> <td>01/03/2012</td> </tr> <tr> <td>Timothy J Lastrapes</td> <td>12/12/2011</td> </tr> </tbody> </table> |                                 | Name          | Execution Date              | Katherine P Mitchell | 12/14/2011      | Amy M Heintz      | 01/04/2012                      | Brett R Burton      | 12/13/2011 | Ioan I Feier   | 01/03/2012 | Timothy J Lastrapes | 12/12/2011 |
| Name   | Execution Date                  |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Katherine P Mitchell   | 12/14/2011                      |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Amy M Heintz   | 01/04/2012                      |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Brett R Burton   | 12/13/2011                      |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Ioan I Feier   | 01/03/2012                      |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Timothy J Lastrapes  | 12/12/2011                      |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| RECEIVING PARTY DATA   |                                 |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| <table border="1"> <tr> <td>Name:</td> <td>Battelle Memorial Institute</td> </tr> <tr> <td>Street Address:</td> <td>505 King Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>Intellectual Property Law Dept.</td> </tr> <tr> <td>City:</td> <td>Columbus</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>43201</td> </tr> </table>                      |                                 | Name:         | Battelle Memorial Institute | Street Address:      | 505 King Avenue | Internal Address: | Intellectual Property Law Dept. | City:               | Columbus   | State/Country: | OHIO       | Postal Code:        | 43201      |
| Name:  | Battelle Memorial Institute     |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Street Address:  | 505 King Avenue                 |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Internal Address:  | Intellectual Property Law Dept. |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| City:  | Columbus                        |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| State/Country:   | OHIO                            |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Postal Code:   | 43201                           |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| PROPERTY NUMBERS Total: 3  |                                 |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61178453</td> </tr> <tr> <td>PCT Number:</td> <td>US1035035</td> </tr> <tr> <td>Application Number:</td> <td>13320536</td> </tr> </tbody> </table>   |                                 | Property Type | Number                      | Application Number:  | 61178453        | PCT Number:       | US1035035                       | Application Number: | 13320536   |                |            |                     |            |
| Property Type  | Number                          |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Application Number:  | 61178453                        |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| PCT Number:  | US1035035                       |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Application Number:  | 13320536                        |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| CORRESPONDENCE DATA  |                                 |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Fax Number:  | (614)424-3864                   |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Phone:   | 614-424-6197                    |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Email:   | lombardt@battelle.org           |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>  |                                 |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Correspondent Name:  | Theresa M. Lombardi             |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Address Line 1:  | 505 King Avenue                 |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |
| Address Line 2:  | Intellectual Property Law Dept. |               |                             |                      |                 |                   |                                 |                     |            |                |            |                     |            |

CH \$120.00 61178453

Address Line 4: Columbus, OHIO 43201

ATTORNEY DOCKET NUMBER:

22154(11)US

NAME OF SUBMITTER:

Theresa M Lombardi

Total Attachments: 6

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## ASSIGNMENT

Katherine P. Mitchell  
Amy M. Heintz  
Brett R. Burton  
Ioan I. Feier  
Timothy J. Lastrapes  
to  
Battelle Memorial Institute

WHEREAS we, Katherine P. Mitchell, of Pickerington, in the County of Fairfield, and State of Ohio; Amy M. Heintz, of Dublin, in the County of Delaware, and State of Ohio; Brett R. Burton, of Columbus, in the County of Franklin, and State of Ohio; Ioan I. Feier, of Columbus, in the County of Franklin, and State of Ohio; and Timothy J. Lastrapes, of Powell, in the County of Franklin, and State of Ohio have made certain inventions for which Patent Applications, US and International, were filed as follows:

| Type                          | Application Number | Date Filed | Title   |
|-------------------------------|--------------------|------------|---|
| US Provisional Application    | 61/178,453         | 5/14/2009  | Solventless Methods of Coating a Carbon Nanotube Network and Carbon Nanotube Networks Coated with a Polymer |
| PCT International Application | PCT/US2010/35035   | 5/14/2010  | Solventless Methods of Coating a Carbon Nanotube Network and Carbon Nanotube Networks Coated with a Polymer |
| US National Stage             | 13/320,536         | 11/14/2011 | Solventless Methods of Coating a Carbon Nanotube Network and Carbon Nanotube Networks Coated with a Polymer |

And

WHEREAS, Battelle Memorial Institute, a corporation of Ohio, having a place of business at 505 King Avenue, Columbus, Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, 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), 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 Assignee, our 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 executed by us, preparatory to obtaining Letters Patent of the United States therefor; 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 Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behoof of the said Assignee, and its successors or assigns.


## ASSIGNMENT

Katherine P. Mitchell  
Amy M. Heintz  
Brett R. Burton  
Ioan I. Feier  
Timothy J. Lastrapes  
to  
Battelle Memorial Institute

And we further covenant and agree that we will, at the request and expense of the said Assignee, 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 Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the 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 Assignee.

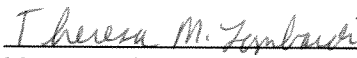
And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure 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 assignee, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this 14 day of December, 2011.

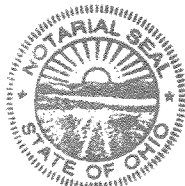
  
Katherine P. Mitchell

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 14<sup>th</sup> day of December, 2011, before me, a Notary Public in and for the County aforesaid, personally appeared Katherine P. Mitchell, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

  
Notary Public

(SEAL)



Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016

# ASSIGNMENT

Katherine P. Mitchell

Amy M. Heintz

Brett R. Burton

Ioan I. Feier

Timothy J. Lastrapes

to

Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 4 day of Jan, 2012.

Amy M. Heintz  
Amy M. Heintz

STATE OF OHIO )

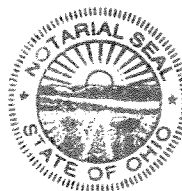
:SS

COUNTY OF FRANKLIN )

This 4<sup>th</sup> day of January, 2012, before me, a Notary Public in and for the County  
aforesaid, personally appeared Amy M. Heintz, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

Theresa M. Lombardi  
Notary Public

(SEAL)



Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016

ASSIGNMENT

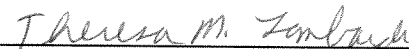
Katherine P. Mitchell  
Amy M. Heintz  
Brett R. Burton  
Ioan I. Feier  
Timothy J. Lastrapes  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 13 day of December, 2011.

  
\_\_\_\_\_  
Brett R. Burton

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 13<sup>th</sup> day of December, 2011, before me, a Notary Public in and for the County  
aforesaid, personally appeared Brett R. Burton, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

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

(SEAL)



Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016

ASSIGNMENT

Katherine P. Mitchell  
Amy M. Heintz  
Brett R. Burton  
Ioan I. Feier  
Timothy J. Lastrapes  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 3 day of JANUARY, 2011<sup>2</sup>

Ioan I. Feier  
Ioan I. Feier

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 3<sup>rd</sup> day of January, 2011<sup>2</sup>, before me, a Notary Public in and for the County  
aforesaid, personally appeared Ioan I. Feier, personally known to me and known to be the person  
described in and who executed the foregoing assignment and acknowledged the same to be his  
voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

Theresa M. Lombardi  
Notary Public

(SEAL)

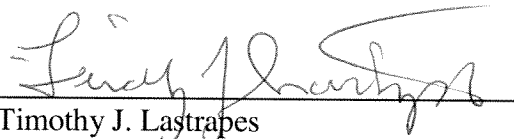


Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016

# ASSIGNMENT

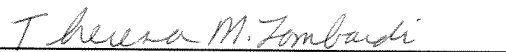
Katherine P. Mitchell  
Amy M. Heintz  
Brett R. Burton  
Ioan I. Feier  
Timothy J. Lastrapes  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 12<sup>th</sup> day of December 2011.

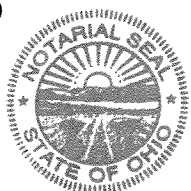
  
Timothy J. Lastrapes

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 12<sup>th</sup> day of December, 2011, before me, a Notary Public in and for the County  
aforesaid, personally appeared Timothy J. Lastrapes, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

  
Notary Public

(SEAL)



Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016