

## 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>Scott L. Swartz</td> <td>11/16/2011</td> </tr> <tr> <td>Matthew M. Seabaugh</td> <td>11/17/2011</td> </tr> <tr> <td>Paul H. Matter</td> <td>11/16/2011</td> </tr> <tr> <td>Jared R. Archer</td> <td>11/17/2011</td> </tr> </tbody> </table> |                        | Name          | Execution Date         | Scott L. Swartz     | 11/16/2011           | Matthew M. Seabaugh | 11/17/2011   | Paul H. Matter | 11/16/2011 | Jared R. Archer | 11/17/2011 |
| Name  | Execution Date         |               |                        |                     |                      |                     |              |                |            |                 |            |
| Scott L. Swartz   | 11/16/2011             |               |                        |                     |                      |                     |              |                |            |                 |            |
| Matthew M. Seabaugh   | 11/17/2011             |               |                        |                     |                      |                     |              |                |            |                 |            |
| Paul H. Matter  | 11/16/2011             |               |                        |                     |                      |                     |              |                |            |                 |            |
| Jared R. Archer   | 11/17/2011             |               |                        |                     |                      |                     |              |                |            |                 |            |
| RECEIVING PARTY DATA  |                        |               |                        |                     |                      |                     |              |                |            |                 |            |
| <table border="1"> <tr> <td>Name:</td> <td>NexTech Materials, Ltd</td> </tr> <tr> <td>Street Address:</td> <td>404 Enterprise Drive</td> </tr> <tr> <td>City:</td> <td>Lewis Center</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>43035</td> </tr> </table>  |                        | Name:         | NexTech Materials, Ltd | Street Address:     | 404 Enterprise Drive | City:               | Lewis Center | State/Country: | OHIO       | Postal Code:    | 43035      |
| Name:   | NexTech Materials, Ltd |               |                        |                     |                      |                     |              |                |            |                 |            |
| Street Address:   | 404 Enterprise Drive   |               |                        |                     |                      |                     |              |                |            |                 |            |
| City:   | Lewis Center           |               |                        |                     |                      |                     |              |                |            |                 |            |
| State/Country:  | OHIO                   |               |                        |                     |                      |                     |              |                |            |                 |            |
| Postal Code:  | 43035                  |               |                        |                     |                      |                     |              |                |            |                 |            |
| 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>12001062</td> </tr> </tbody> </table>   |                        | Property Type | Number                 | Application Number: | 12001062             |                     |              |                |            |                 |            |
| Property Type   | Number                 |               |                        |                     |                      |                     |              |                |            |                 |            |
| Application Number:   | 12001062               |               |                        |                     |                      |                     |              |                |            |                 |            |
| CORRESPONDENCE DATA   |                        |               |                        |                     |                      |                     |              |                |            |                 |            |
| Fax Number:<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br>Phone: 513-369-4250<br>Email: IPDocket@porterwright.com<br>Correspondent Name: Martin J. Miller<br>Address Line 1: 41 South High Street<br>Address Line 2: 29th Floor<br>Address Line 4: Columbus, OHIO 43215                              |                        |               |                        |                     |                      |                     |              |                |            |                 |            |
| ATTORNEY DOCKET NUMBER:   | 3995591-170300A        |               |                        |                     |                      |                     |              |                |            |                 |            |
| NAME OF SUBMITTER:  | Martin J. Miller       |               |                        |                     |                      |                     |              |                |            |                 |            |
| Total Attachments: 4<br>source=Assignment_1#page1.tif<br>source=Assignment_1#page2.tif<br>source=Assignment_1#page3.tif<br>source=Assignment_1#page4.tif  |                        |               |                        |                     |                      |                     |              |                |            |                 |            |

CH \$40.00 12001062

## ASSIGNMENT

WHEREAS, WE, **Michael J. DAY**, a citizen of the United Kingdom and residing at \_\_\_\_\_, Michigan, **Scott L. SWARTZ**, a citizen of the United States of America and residing at Columbus, Ohio, **Matthew M. SEABAUGH**, a citizen of the United States of America and residing at Columbus, Ohio, **Paul H. MATTER**, a citizen of the United States of America and residing at Columbus, Ohio and **Jared R. ARCHER**, a citizen of the United States of America and residing at Marysville, Ohio, hereinafter referred to as "ASSIGNORS"), have invented "**HIGH PERFORMANCE MULTILAYER ELECTRODES FOR USE IN OXYGEN-CONTAINING GASES**", as set forth in U.S. Patent Application, Serial No. 12/001,062 filed December 7, 2007; and

WHEREAS, **NexTech Materials, Ltd.**, having an address of 404 Enterprise Drive, Lewis Center, OH 43035, a corporation duly organized and existing under the laws of the State of Ohio (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest therein.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, hereby sell, assign, and transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention, and said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof.

ASSIGNORS hereby authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNORS hereby grant the firm of Porter, Wright, Morris & Arthur LLP the power to insert in this Assignment any further identification or information 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.

ASSIGNORS hereby covenant and agree that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNORS hereby further covenant and agree that they will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

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

\_\_\_\_\_  
MICHAEL J. DAY

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

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: 16-Nov-2011

\_\_\_\_\_  
SCOTT L. SWARTZ

STATE OF Ohio )  
COUNTY OF Delaware ) ss  
\_\_\_\_\_ )

Sworn to and subscribed before me this 16 day of November, 2011.



LISA K. STOKER  
Notary Public, State of Ohio  
My Commission Expires 04-29-2014

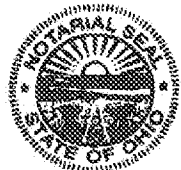
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Date: 11/17/11

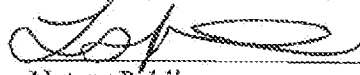
  
MATTHEW M. SEABAUGH

STATE OF Ohio )  
COUNTY OF Delaware ) ss

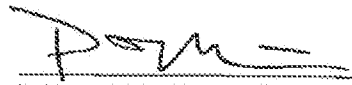
Sworn to and subscribed before me this 17 day of November, 2011.



LISA K STOKER  
Notary Public, State of Ohio  
My Commission Expires 04-29-2014

  
Notary Public

Date: 11/16/2011

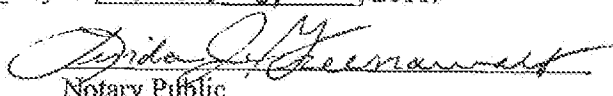
  
PAUL H. MATTER

STATE OF Ohio )  
COUNTY OF Franklin ) ss

Sworn to and subscribed before me this 16<sup>th</sup> day of November, 2011.



Linda J. Greenwalt  
Notary Public, State of Ohio  
My Commission Expires 02-04-2014

  
Notary Public

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

\_\_\_\_\_  
JARED R. ARCHER

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

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

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

MATTHEW M. SEABAUGH

STATE OF )  
COUNTY OF ) ss

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

Notary Public

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

PAUL H. MATTER

STATE OF )  
COUNTY OF ) ss

Sworn to and subscribed before me this \_\_\_\_ day of \_\_\_\_\_, 2011.

Notary Public

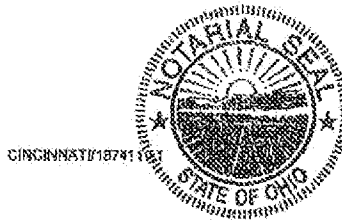
Date: Nov 17, 2011

~~JARED R. ARCHER~~

STATE OF Ohio )  
COUNTY OF Franklin ) ss.

Sworn to and subscribed before me this 5 day of November, 2011.

Notary Public



PHAEDRA M COOPER  
Notary Public  
In and for the State of Ohio  
My Commission Expires  
February 24, 2012