

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>Dong-Chul Pyun</td> <td>03/18/2013</td> </tr> <tr> <td>Jared J. Griebel</td> <td>10/17/2012</td> </tr> <tr> <td>Woo Jin Chung</td> <td>10/17/2012</td> </tr> <tr> <td>Richard Glass</td> <td>03/18/2013</td> </tr> <tr> <td>Robert A. Norwood</td> <td>10/01/2012</td> </tr> <tr> <td>Roland Himmelhuber</td> <td>10/17/2012</td> </tr> <tr> <td>Adam G. Simmonds</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dong-Chul Pyun	03/18/2013	Jared J. Griebel	10/17/2012	Woo Jin Chung	10/17/2012	Richard Glass	03/18/2013	Robert A. Norwood	10/01/2012	Roland Himmelhuber	10/17/2012	Adam G. Simmonds	10/16/2012
Name	Execution Date																
Dong-Chul Pyun	03/18/2013																
Jared J. Griebel	10/17/2012																
Woo Jin Chung	10/17/2012																
Richard Glass	03/18/2013																
Robert A. Norwood	10/01/2012																
Roland Himmelhuber	10/17/2012																
Adam G. Simmonds	10/16/2012																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>Arizona Board of Regents on behalf of the University of Arizona</td> </tr> <tr> <td>Street Address:</td> <td>888 N. Euclid Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>Suite #204</td> </tr> <tr> <td>City:</td> <td>Tucson</td> </tr> <tr> <td>State/Country:</td> <td>ARIZONA</td> </tr> <tr> <td>Postal Code:</td> <td>85721-0158</td> </tr> </table>		Name:	Arizona Board of Regents on behalf of the University of Arizona	Street Address:	888 N. Euclid Avenue	Internal Address:	Suite #204	City:	Tucson	State/Country:	ARIZONA	Postal Code:	85721-0158				
Name:	Arizona Board of Regents on behalf of the University of Arizona																
Street Address:	888 N. Euclid Avenue																
Internal Address:	Suite #204																
City:	Tucson																
State/Country:	ARIZONA																
Postal Code:	85721-0158																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012050602</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012050602												
Property Type	Number																
PCT Number:	US2012050602																
CORRESPONDENCE DATA																	
Fax Number:	3129130002																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	312-913-0001																
Email:	oslick@mbhb.com																
Correspondent Name:	McDonnell Boehnen Hulbert & Berghoff LLP																
Address Line 1:	300 South Wacker Drive																
Address Line 2:	Suite #3100																
Address Line 4:	Chicago, ILLINOIS 60606																

ATTORNEY DOCKET NUMBER:	12-839-PCT
NAME OF SUBMITTER:	Sherri L. Oslick
Signature:	/Sherri L. Oslick/
Date:	07/19/2013
<p>Total Attachments: 10</p> <p>source=12-839-PCT Assignment (Executed)#page1.tif</p> <p>source=12-839-PCT Assignment (Executed)#page2.tif</p> <p>source=12-839-PCT Assignment (Executed)#page3.tif</p> <p>source=12-839-PCT Assignment (Executed)#page4.tif</p> <p>source=12-839-PCT Assignment (Executed)#page5.tif</p> <p>source=12-839-PCT Assignment (Executed)#page6.tif</p> <p>source=12-839-PCT Assignment (Executed)#page7.tif</p> <p>source=12-839-PCT Assignment (Executed)#page8.tif</p> <p>source=12-839-PCT Assignment (Executed)#page9.tif</p> <p>source=12-839-PCT Assignment (Executed)#page10.tif</p>	

ASSIGNMENT

Case No.: 12-839-PCT

Serial No.: PCT/US12/50602

Inventors: Dong-Chul Pyun, Jared J. Griebel, Woo Jin Chung, Richard Glass, Robert A. Norwood, Roland Himmelhuber and Adam G. Simmonds

Date of Execution
of Application:

Filing Date: August 13, 2012

In consideration of good and valuable consideration provided to assignor, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Arizona Board of Regents on behalf of the University of Arizona

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

"High Sulfur Content Copolymers and Composite Materials and Electrochemical Cells and Optical Elements Using Them"

and identified as:

Case No. 12-839-PCT

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign (including but not limited to all countries on the list below*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or

expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this 18 day of March, ²⁰¹³~~2012~~.

State of

AZ

County of

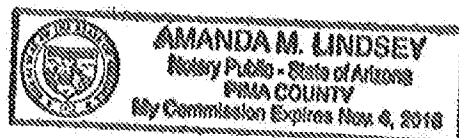
Pima

Dong-Chul Pyun
Dong-Chul Pyun

The foregoing instrument was acknowledged before me this 18 day of

March, ²⁰¹³~~2012~~ by Amanda M. Lindsey

Amanda M. Lindsey
NOTARY PUBLIC



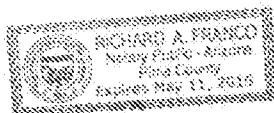
WITNESS my hand and seal this 17th day of October, 2012.


Jared J. Griebel

State of Arizona

County of Pima

The foregoing instrument was acknowledged before me this 17th day of October, 2012 by Jared J. Griebel




NOTARY PUBLIC

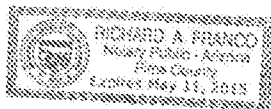
WITNESS my hand and seal this 17th day of October, 2012.


Woo Jin Chung

State of Arizona

County of Pima

The foregoing instrument was acknowledged before me this 17th day of October, 2012 by Woo Jin Chung




NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2012.

Richard Glass

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, 2012, by _____

NOTARY PUBLIC

WITNESS my hand and seal this 1st day of October, 2012.



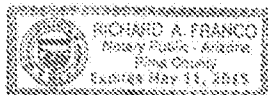
Robert A. Norwood

State of Arizona

County of Pima

The foregoing instrument was acknowledged before me this 1st day of

October, 2012, by Robert A. Norwood





NOTARY PUBLIC

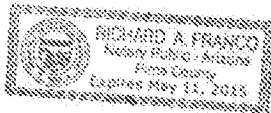
WITNESS my hand and seal this 17th day of October, 2012.



Roland Himmelhuber

State of Arizona


County of Pima

The foregoing instrument was acknowledged before me this 17th day of
October, 2012, by Roland Himmelhuber




NOTARY PUBLIC

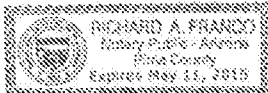
WITNESS my hand and seal this 16th day of October, 2012.


Adam G. Simmonds

State of Arizona

County of Pima

The foregoing instrument was acknowledged before me this 16th day of
October, 2012, by Adam G. Simmonds




NOTARY PUBLIC

ASSIGNMENT

Case No.: 12-839-PCT

Serial No.: PCT/US12/50602

Inventors: Dong-Chul Pyun, Jared J. Griebel, Woo Jin Chung, Richard Glass, Robert A. Norwood, Roland Himmelhuber and Adam G. Simmonds

Date of Execution
of Application:

Filing Date: August 13, 2012

In consideration of good and valuable consideration provided to assignor, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Arizona Board of Regents on behalf of the University of Arizona

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

"High Sulfur Content Copolymers and Composite Materials and Electrochemical Cells and Optical Elements Using Them"

and identified as:

Case No. 12-839-PCT

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign (including but not limited to all countries on the list below*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or

expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikistan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this _____ day of _____, 2012.

Dong-Chul Pyun

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, 2012 by _____

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2012.

Jared J. Griebel

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, 2012, by _____

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2012.

Woo Jin Chung

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, 2012, by _____

NOTARY PUBLIC

WITNESS my hand and seal this 18 day of March, ²⁰¹³~~2012~~.

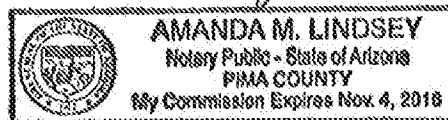
Richard Glass
Richard Glass

State of AZ

County of Pima

The foregoing instrument was acknowledged before me this 18 day of
March, ²⁰¹³~~2012~~ by Amanda M. Lindsey

Amanda M. Lindsey
NOTARY PUBLIC



WITNESS my hand and seal this _____ day of _____, 2012.

Robert A. Norwood

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of
_____, 2012, by _____

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2012.

Roland Himmelhuber

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, 2012 by _____

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2012.

Adam G. Simmonds

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, 2012 by _____

NOTARY PUBLIC

- 5 -

2012-11-15 10:00:00
RENTAL AGREEMENT
SCOTT COUNTY, IOWA
TAXID: 810000000000
EFFECTIVE: 11/15/2012

RECORDED: 07/19/2013

PATENT
REEL: 030840 FRAME: 0966