

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Harry J. Ploehn</td> <td>04/08/2009</td> </tr> <tr> <td>John R. Monnier</td> <td>04/08/2009</td> </tr> <tr> <td>Xiaoming Chen</td> <td>04/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Harry J. Ploehn	04/08/2009	John R. Monnier	04/08/2009	Xiaoming Chen	04/08/2009				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of South Carolina</td> </tr> <tr> <td>Street Address:</td> <td>Osborne Administration Building</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 109</td> </tr> <tr> <td>City:</td> <td>Columbia</td> </tr> <tr> <td>State/Country:</td> <td>SOUTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>29208</td> </tr> </table>		Name:	University of South Carolina	Street Address:	Osborne Administration Building	Internal Address:	Suite 109	City:	Columbia	State/Country:	SOUTH CAROLINA	Postal Code:	29208
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CORRESPONDENCE DATA													
Fax Number: (864)233-7342 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 864-271-1592 Email: DOCKETING@DORITY-MANNING.COM Correspondent Name: DORITY & MANNING, P.A. Address Line 1: POST OFFICE BOX 1449 Address Line 4: GREENVILLE, SOUTH CAROLINA 29602-1449													
ATTORNEY DOCKET NUMBER:	USC-158												
NAME OF SUBMITTER:	Neil M. Batavia												
Total Attachments: 2 source=Assignment-Signed#page1.tif													

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PATENT
REEL: 022643 FRAME: 0172

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Harry J. Ploehn, a citizen of the United States, residing at 3428 Overcreek Road, Columbia, South Carolina 29206; John R. Monnier, a citizen of the United States, residing at 310 Bentwood Lane, Columbia, South Carolina 29229 and Xiaoming Chen, a citizen of P.R. China, residing at 1035 Comanche Trail, Apt. C-11, West Columbia, South Carolina 29169, as assignors, have made an invention entitled

**"SYSTEMS AND METHODS FOR MEASUREMENT OF GAS PERMEATION
THROUGH POLYMER FILMS"**

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 12/397,520, which was filed in the U.S. Patent and Trademark Office on March 4, 2009; and

WHEREAS, University of South Carolina, Osborne Administration Building, Suite 109, Columbia, South Carolina 29208, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignors have executed this document on the date indicated below.



Harry J. Ploehn

4/8/09

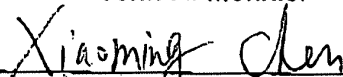
Date



John R. Monnier

04/08/2009

Date



Xiaoming Chen

04/08/2009

Date