

## 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>James Scott Sutherland</td> <td>02/22/2012</td> </tr> <tr> <td>Andrew David Woodfin</td> <td>02/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	James Scott Sutherland	02/22/2012	Andrew David Woodfin	02/15/2012				
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Andrew David Woodfin	02/15/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Corning Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>SP-TI-03</td> </tr> <tr> <td>City:</td> <td>Corning</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14831</td> </tr> </table>		Name:	Corning Incorporated	Street Address:	SP-TI-03	City:	Corning	State/Country:	NEW YORK	Postal Code:	14831
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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>13392146</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13392146						
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Application Number:	13392146										
CORRESPONDENCE DATA											
Fax Number:	(607)974-3848										
Phone:	607-974-2698										
Email:	davisbl@corning.com										
<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:	CORNING INCORPORATED										
Address Line 1:	SP-TI-3-1										
Address Line 4:	CORNING, NEW YORK 14831										
ATTORNEY DOCKET NUMBER:	SP09-264										
NAME OF SUBMITTER:	/Gregory V. Bean/										
<p>Total Attachments: 2          source=20120223_SP09-264_US_PCT_Assignment#page1.tif          source=20120223_SP09-264_US_PCT_Assignment#page2.tif</p>											

CH \$40.00 13392146

**ASSIGNMENT**

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **ZONED MONOLITHIC REACTOR AND ASSOCIATED METHODS**, such inventions being generally described in an application for Letters Patent of the United States executed on

<i>DATE</i>	<u>February 22, 2012</u>
<i>DATE</i>	<u>February 15, 2012</u>

and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

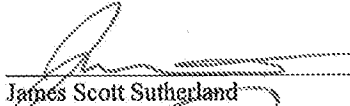
I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

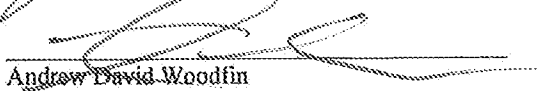
I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed, this

2/22/12  
Date

  
James Scott Sutherland

2/15/12  
Date

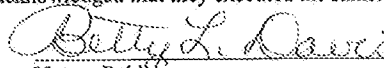
  
Andrew David Woodfin

State of New York)

; ss.

County of Steuben)

On the 22<sup>nd</sup> day of February, 2012, before me personally came James Scott Sutherland known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

  
Notary Public

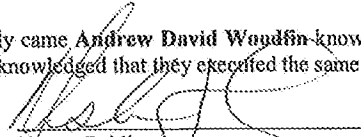
Betty L. Davis  
Notary Public, State of New York  
Qualified in Steuben County No. 01DA6146735  
My Commission Expires May 22, 2014

State of California )

; ss.

County of )

On the 15<sup>th</sup> day of February, 2012, before me personally came Andrew David Woodfin known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

  
Notary Public

Meshion L. McDaniel  
Notary Public, State of New York  
Qualified in Steuben County No. 01MC6201878  
My Commission Expires March 9, 2013