

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>Mr Dana Craig Bookbinder</td><td>07/20/2010</td></tr><tr><td>Mr David Lambie Tennent</td><td>07/20/2010</td></tr><tr><td>Mr Ralph Edward Truitt</td><td>07/20/2010</td></tr><tr><td>Mr Steven Bolaji Ogunwumi</td><td>07/20/2010</td></tr></tbody></table>		Name	Execution Date	Mr Dana Craig Bookbinder	07/20/2010	Mr David Lambie Tennent	07/20/2010	Mr Ralph Edward Truitt	07/20/2010	Mr Steven Bolaji Ogunwumi	07/20/2010
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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											
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CORRESPONDENCE DATA											
Fax Number: (607)974-3848 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 607-974-3805											
Email: davisbl@coming.com											
Correspondent Name: CORNING INCORPORATED											
Address Line 1: SP-TI-3-1											
Address Line 4: CORNING, NEW YORK 14831											
ATTORNEY DOCKET NUMBER:	SP10-129										
NAME OF SUBMITTER:	Lisa M. Noni										
Total Attachments: 2 source=20100721_SP10-129_Assignment#page1.tif											

CH \$40.00 12840542

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REEL: 024719 FRAME: 0480

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 **FLOW-THROUGH SUBSTRATES AND METHODS FOR MAKING AND USING THEM**, such inventions being generally described in an application for Letters Patent of the United States executed on

<i>DATE</i>	July 20, 2010
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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 at Corning, NY, this

July 20, 2010
Date Dana Craig Bookbinder
Dana Craig Bookbinder

7/20/10
Date Steven Bolaji Ogunwumi
Steven Bolaji Ogunwumi

July 20, 2010
Date David Lambie Tennent
David Lambie Tennent

July 20, 2010
Date Ralph Edward Truitt
Ralph Edward Truitt

State of New York)

: ss.

County of Steuben)

On the 20th day of July, 2010, before me personally came **Dana Craig Bookbinder** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Betty L. Davis
Notary Public
Betty L. Davis
Notary Public, State of New York
Qualified in Steuben County No. 01DA614673
My Commission Expires May 22, 2014

State of New York)

: ss.

County of Steuben)

On the 20th day of July, 2010, before me personally came **Steven Bolaji Ogunwumi** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Betty L. Davis
Notary Public
Betty L. Davis
Notary Public, State of New York
Qualified in Steuben County No. 01DA614673
My Commission Expires May 22, 2014

State of New York)

: ss.

County of Steuben)

On the 20th day of July, 2010, before me personally came **David Lambie Tennent** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Betty L. Davis
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 New York)

: ss.

County of Steuben)

On the 20th day of July, 2010, before me personally came **Ralph Edward Truitt** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

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

Revised: August 4, 2009

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