

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>David J Bronfenbrenner</td> <td>05/04/2012</td> </tr> <tr> <td>Lisa Larae Hepburn</td> <td>05/07/2012</td> </tr> <tr> <td>Sriram Rangarajan Iyer</td> <td>05/10/2012</td> </tr> <tr> <td>Dell Joseph St Julien</td> <td>05/08/2012</td> </tr> <tr> <td>Elizabeth Ann White</td> <td>05/04/2012</td> </tr> <tr> <td>Lev Lvovitch Kuandykov</td> <td>05/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	David J Bronfenbrenner	05/04/2012	Lisa Larae Hepburn	05/07/2012	Sriram Rangarajan Iyer	05/10/2012	Dell Joseph St Julien	05/08/2012	Elizabeth Ann White	05/04/2012	Lev Lvovitch Kuandykov	05/05/2012
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<table border="1"> <tr> <td>Name:</td> <td>Corning Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>Intellectual Property Department</td> </tr> <tr> <td>Internal Address:</td> <td>SP-TI-03-1</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:	Intellectual Property Department	Internal Address:	SP-TI-03-1	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>13472770</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13472770										
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Application Number:	13472770														
CORRESPONDENCE DATA															
Fax Number:	(607)974-3848														
Phone:	607-974-0084														
Email:	mcdanielml@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:	SP12-083														

CH \$40.00 13472770

PATENT

NAME OF SUBMITTER:

John L. Haack

Total Attachments: 6

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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 **SINGLE-FIRE TWO-STEP SOAK METHOD**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE May 4, 2012
DATE May 7, 2012
DATE May 10, 2012
DATE May 8, 2012
DATE May 4, 2012
DATE _____

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

5.4.2012

Date

David J. Bronfenbrenner
David J Bronfenbrenner

5-7-2012

Date

Lisa Larae Hepburn
Lisa Larae Hepburn

5-10-2012

Date

Sriram
Sriram Rangarajan Iyer

May 8, 2012

Date

Dell Joseph St. Julien
Dell Joseph St Julien

5-4-12

Date

Elizabeth Ann White
Elizabeth Ann White

State of New York)

: ss.

County of Steuben)

On the 4th day of May 2012, before me personally came David J Bronfenbrenner known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

[Signature]
Notary Public

State of New York)

: ss.

County of Steuben)

On the 7th day of May 2012, before me personally came Lisa Larae Hepburn known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

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

State of New York)

: ss.

County of Steuben)

On the 10th day of May 2012, before me personally came Sriram Rangarajan Iyer known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

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

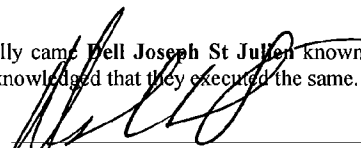
Meshion L. McDaniels
Notary Public, State of New York
Qualified in Steuben County No. 01MC6201878
My Commission Expires March 9, 2013

State of New York)

: ss.

County of Steuben)

On the 8th day of May 2012, before me personally came Bill Joseph St Julien known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

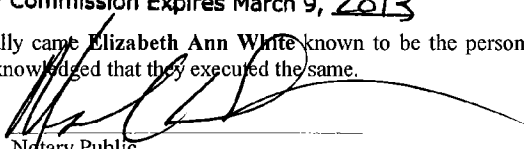

Notary Public

State of New York)

: ss.

County of Steuben)

On the 4th day of May 2012, before me personally came Elizabeth Ann White known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public

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

Signed at _____, this

Date

Lev Lvovitch Kuandykov

Witness:

Date

Printed Name:

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 **SINGLE-FIRE TWO-STEP SOAK METHOD**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE _____
DATE _____
DATE _____
DATE _____
DATE _____
DATE May 5, 2012

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

Date David J Bronfenbrenner

Date Lisa Larae Hepburn

Date Sriram Rangarajan Iyer

Date Dell Joseph St Julien

Date Elizabeth Ann White

State of New York)
: ss.
County of Steuben)

On the ____ day of _____ 2012, before me personally came **David J Bronfenbrenner** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of New York)
: ss.
County of Steuben)

On the ____ day of _____ 2012, before me personally came **Lisa Larae Hepburn** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of New York)
: ss.
County of Steuben)

On the ____ day of _____ 2012, before me personally came **Sriram Rangarajan Iyer** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of New York)
: ss.
County of Steuben)

On the ____ day of _____ 2012, before me personally came **Dell Joseph St Julien** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of New York)
: ss.
County of Steuben)

On the ____ day of _____ 2012, before me personally came **Elizabeth Ann White** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public


Signed at Saint-Petersburg
Russia, this

May 5, 2012
Date


Lev Lvovitch Kuandykov

Witness:

May 5, 2012
Date

Victoria Kosheleva 
Printed Name: