

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>Bruce Gardiner Aitken</td> <td>08/08/2012</td> </tr> <tr> <td>James Edward Dickinson, Jr.</td> <td>08/08/2012</td> </tr> <tr> <td>Timothy James Kiczenski</td> <td>08/08/2012</td> </tr> <tr> <td>John Christopher Mauro</td> <td>08/08/2012</td> </tr> <tr> <td>Adama Tandia</td> <td>08/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Bruce Gardiner Aitken	08/08/2012	James Edward Dickinson, Jr.	08/08/2012	Timothy James Kiczenski	08/08/2012	John Christopher Mauro	08/08/2012	Adama Tandia	08/08/2012
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John Christopher Mauro	08/08/2012												
Adama Tandia	08/08/2012												
RECEIVING PARTY DATA													
Name:	Corning Incorporated												
Street Address:	SP-TI-03-1												
City:	Corning												
State/Country:	NEW YORK												
Postal Code:	14831												
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>13569756</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13569756								
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Application Number:	13569756												
CORRESPONDENCE DATA													
Fax Number:	6079743848												
Phone:	607-974-0084												
Email:	parkerpm@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:	SP11-183												
NAME OF SUBMITTER:	Tina N. Thompson												

CH \$40.00 13569756

Total Attachments: 4

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PATENT ASSIGNMENT COVER SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof.

(1) Conveying Party(ies): Bruce Gardiner Aitken, James Edward Dickinson Jr, Timothy James Kiczenski, John Christopher Mauro, Adama Tandia

Title: FUSION FORMABLE ALKALI-FREE INTERMEDIATE THERMAL EXPANSION COEFFICIENT GLASS

Additional name(s) of conveying party(ies) attached? Yes [] No [x]

(2) Receiving Party: CORNING INCORPORATED
Intellectual Property Department; SP-TI-03-1
Corning, NY 14831

(3) Nature of conveyance: Assignment executed: August 8, 2012, August 8, 2012, August 8, 2012, August 8, 2012 and August 8, 2012.

(4) Application number(s) and/or patent number(s) against which this assignment is to be recorded:

A. Patent Application No.(s): Filing date: B. Patent No.(s): Filing date:

If this document is being filed together with a new application, this assignment is also to be recorded against said application, executed on August 8, 2012, August 8, 2012, August 8, 2012, August 8, 2012 and August 8, 2012.

(5) Name and address of party to whom correspondence concerning document should be mailed:

Name: Tina N Thompson
Reg. No. 58,987
CORNING INCORPORATED
Intellectual Property Department
SP-TI-03-1
Corning, NY 14831
Phone No.: (607) 974-1028

(6) Total Number of applications and/or patents involved: one

(7) Total Fee = \$40.00

- Enclosed (Check No.)
Included with filing fee. Check No.
Authorization given by Corning Incorporated to charge deposit account number 03-3325

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Tina N Thompson (signature)

8/8/2012
Date

Total number of pages including cover sheet: 4

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 **FUSION FORMABLE ALKALI-FREE INTERMEDIATE THERMAL EXPANSION COEFFICIENT GLASS**, such inventions being generally described in an application for Letters Patent of the United States executed on

<i>DATE</i>	August 8, 2012
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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

8 August 2012

Date

8/8/2012

Date

8/8/12

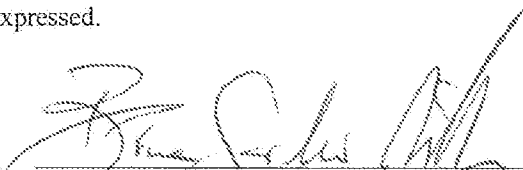
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8/18/2012

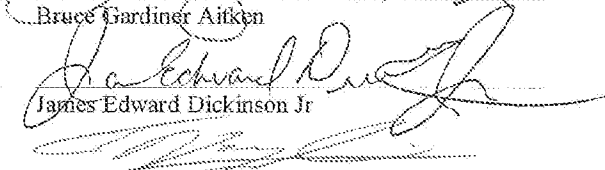
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8/8/2012

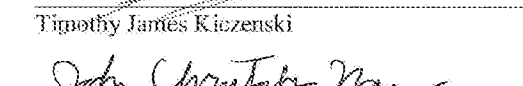
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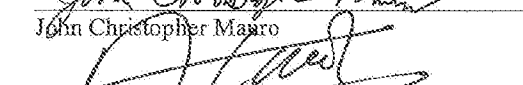
 Bruce Gardiner Aitken




 James Edward Dickinson Jr



 Timothy James Kiezenski



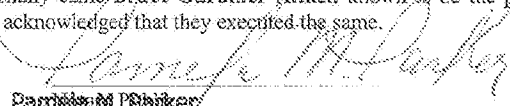
 John Christopher Mauro



 Adama Tandia

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

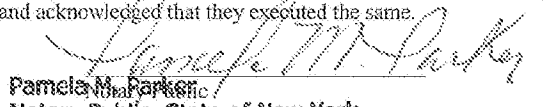
On the 8th day of August 2012, before me personally came Bruce Gardiner Aitken known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



 Pamela M. Parker
 Notary Public, State of New York
 Qualified in Steuben County No. 01PA6201879
 My Commission Expires March 2, 2013

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

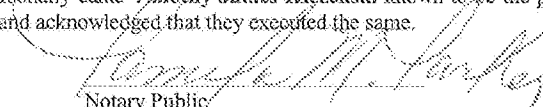
On the 8th day of August 2012, before me personally came James Edward Dickinson Jr known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



 Pamela M. Parker
 Notary Public, State of New York
 Qualified in Steuben County No. 01PA6201879
 My Commission Expires March 2, 2013

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


On the 8th day of August 2012, before me personally came Timothy James Kiezenski known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



 Pamela M. Parker
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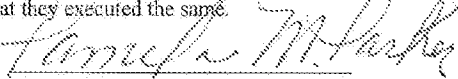
On the 8th day of August 2012, before me personally came John Christopher Mauro known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public,

Pamela M. Parker
Notary Public, State of New York
Qualified in Steuben County No. 01PA6201879
My Commission Expires March 2, 2013

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

On the 8th day of August 2012, before me personally came Adama Tandia known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public

Pamela M. Parker
Notary Public, State of New York
Qualified in Steuben County No. 01PA6201879
My Commission Expires March 2, 2013