

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>Kevin Wallace Bennett</td> <td>07/25/2013</td> </tr> <tr> <td>Konstantin Sergeevich Koreshkov</td> <td>07/29/2013</td> </tr> <tr> <td>Andrey Evgenievich Korolev</td> <td>07/22/2013</td> </tr> <tr> <td>Dmitri Vladislavovich Kuksenkov</td> <td>07/26/2013</td> </tr> <tr> <td>Ming-Jun Li</td> <td>07/24/2013</td> </tr> <tr> <td>Vladimir Nikolaevich Nazarov</td> <td>07/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kevin Wallace Bennett	07/25/2013	Konstantin Sergeevich Koreshkov	07/29/2013	Andrey Evgenievich Korolev	07/22/2013	Dmitri Vladislavovich Kuksenkov	07/26/2013	Ming-Jun Li	07/24/2013	Vladimir Nikolaevich Nazarov	07/23/2013
Name	Execution Date														
Kevin Wallace Bennett	07/25/2013														
Konstantin Sergeevich Koreshkov	07/29/2013														
Andrey Evgenievich Korolev	07/22/2013														
Dmitri Vladislavovich Kuksenkov	07/26/2013														
Ming-Jun Li	07/24/2013														
Vladimir Nikolaevich Nazarov	07/23/2013														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Corning Incorporated</td> </tr> <tr> <td>Street 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:	SP-TI-03-1	City:	Corning	State/Country:	NEW YORK	Postal Code:	14831				
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>13954165</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13954165										
Property Type	Number														
Application Number:	13954165														
CORRESPONDENCE DATA															
Fax Number: 6079743848 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 607-974-0084 Email: wilsonmg2@corning.com Correspondent Name: CORNING INCORPORATED Address Line 1: SP-TI-3-1 Address Line 4: CORNING, NEW YORK 14831															
ATTORNEY DOCKET NUMBER:	SP12-170														
NAME OF SUBMITTER:	Svetlana Z Short														

CH \$40.00 13954165

Signature:	/Svetlana Z Short/
Date:	07/30/2013
Total Attachments: 5 source=20130730_SP12-170_US_DATED_ASSIGNMENT#page1.tif source=20130730_SP12-170_US_DATED_ASSIGNMENT#page2.tif source=20130730_SP12-170_US_DATED_ASSIGNMENT#page3.tif source=20130730_SP12-170_US_DATED_ASSIGNMENT#page4.tif source=20130730_SP12-170_US_DATED_ASSIGNMENT#page5.tif	

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 **FEW MODE RARE EARTH DOPED OPTICAL FIBERS FOR OPTICAL AMPLIFIERS, AND AMPLIFIERS USING SUCH FIBERS**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	<u>7-25-13</u>
DATE	<u>7-29-13</u>
DATE	<u>7-22-13</u>
DATE	<u>7-26-13</u>
DATE	<u>7-24-13</u>
DATE	<u>7-23-13</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.

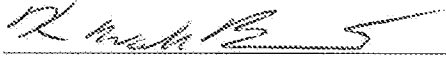
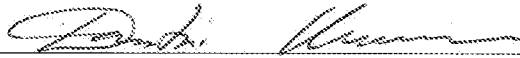

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto 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 at Corning, NY, and St. Petersburg, Russia this

<u>7/25/13</u>	<u></u>
Date	Kevin Wallace Bennett
<u> </u>	<u> </u>
Date	Konstantin Sergeevich Koreshkov
<u> </u>	<u> </u>
Date	Andrey Evgenievich Korolev
<u>07/25/13</u>	<u></u>
Date	Dmitri Vladislavovich Kuksenkov
<u>7/24/13</u>	<u></u>
Date	Ming-Jun Li
<u> </u>	<u> </u>
Date	Vladimir Nikolaevich Nazarov

State of New York)

: ss.

County of Steuben)

On the 25th day of July 2013, before me personally came **Kevin Wallace Bennett** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public

Country of Russia)

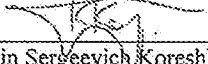
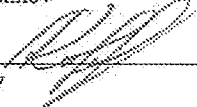
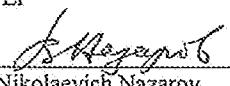
Julie Henshaw
Notary Public, State of New York
Qualified in Steuben County No. 01HE6201882
My Commission Expires March 9, 2017

On the _____ day of _____ 2013, before me personally came **Konstantin Sergeevich Koreshkov** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

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, and St. Petersburg, Russia this

Date	Kevin Wallace Bennett
<u>07/29/2013</u>	
Date	Konstantin Sergeevich Koreshkov
<u>07/22/2013</u>	
Date	Andrey Evgenievich Korolev
Date	Dmitri Vladislavovich Kuksenkov
Date	Ming-Jun Li
<u>07/23/2013</u>	
Date	Vladimir Nikolaevich Nazarov

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

On the ____ day of _____ 2013, before me personally came Kevin Wallace Bennett known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Country of Russia)

On the 29 day of July 2013, before me personally came Konstantin Sergeevich Koreshkov known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Witness

Country of Russia)

On the 23 day of July 2013, before me personally came Andrey Evgenievich Korolev known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness [Signature] / Bobsewko A.

State of New York)

: ss.

County of Steuben)

On the ____ day of _____ 2013, before me personally came Dmitri Vladislavovich Kuksenkov 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 _____ 2013, before me personally came Ming-Jun Li known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Country of Russia)

On the 23 day of July 2013, before me personally came Vladimir Nikolaevich Nazarov known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness [Signature] (Khodosevich)

Country of Russia)

On the _____ day of _____ 2013, before me personally came **Andrey Evgenievich Korolev** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

State of New York)

: ss.

County of Steuben)

On the 20th day of July 2013, before me personally came **Dmitri Vladislavovich Kuksenkov** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters

Notary Public

CHRISTINE F. WATTERS

Notary Public, State of New York

Qualified in Steuben County No. 4945322

My Commission Expires December 19, 20 14

State of New York)

: ss.

County of Steuben)

On the 24th day of July 2013, before me personally came **Ming-Jun Li** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Julie Henshaw

Notary Public Julie Henshaw

Notary Public, State of New York

Qualified in Steuben County No. 01HE6201882

My Commission Expires March 9, 2017

Country of Russia)

On the _____ day of _____ 2013, before me personally came **Vladimir Nikolaevich Nazarov** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness