

PATENT ASSIGNMENT

Electronic Version v1.1
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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>08/07/2012</td> </tr> <tr> <td>Scott Robertson Bickham</td> <td>08/08/2012</td> </tr> <tr> <td>Andrey Evgenievich Korolev</td> <td>08/17/2012</td> </tr> <tr> <td>Dmitri Vladislavovich Kuksenkov</td> <td>08/08/2012</td> </tr> <tr> <td>Vladimir Nikolaevich Nazarov</td> <td>08/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kevin Wallace Bennett	08/07/2012	Scott Robertson Bickham	08/08/2012	Andrey Evgenievich Korolev	08/17/2012	Dmitri Vladislavovich Kuksenkov	08/08/2012	Vladimir Nikolaevich Nazarov	08/27/2012
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Vladimir Nikolaevich Nazarov	08/27/2012												
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>13605103</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13605103								
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CORRESPONDENCE DATA													
Fax Number:	6079743848												
Phone:	607-248-0147												
Email:	millerdl@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:	SP11-217												
NAME OF SUBMITTER:	Svetlana Z. Short												

CH \$40.00 13605103

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): Kevin Wallace Bennett, Scott Robertson Bickham, Andrey Evgenievich Korolev, Dmitri Vladislavovich Kuksenkov, Vladimir Nikolaevich Nazarov

Title: FEW MODE OPTICAL FIBERS FOR MODE DIVISION MULTIPLEXING

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 7, 2012, August 8, 2012, August 17, 2012, August 8, 2012, August 27, 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 7, 2012, August 8, 2012, August 17, 2012, August 8, 2012, August 27, 2012.

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

Name: Svetlana Z. Short
Reg. No. 34,432
CORNING INCORPORATED
Intellectual Property Department
SP-TI-03-1
Corning, NY 14831
Phone No.: 607-974-0412

(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.

Svetlana Z. Short (signature)

September 5, 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 **FEW MODE OPTICAL FIBERS FOR MODE DIVISION MULTIPLEXING**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 08-07-2012
DATE 08-08-2012
DATE 08-17-2012
DATE 08-08-2012
DATE 08-27-2012

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

8/7/12
Date

[Signature]
Kevin Wallace Bennett

8-8-2012
Date

[Signature]
Scott Robertson Bickham

Signed at St. Petersburg, Russia, this

8/17/2012
Date

[Signature]
Andrey Evgenievich Korolev

Signed at Corning, NY, this

08/08/2012
Date

[Signature]
Dmitri Vladislavovich Kuksenkov

Signed at St. Petersburg, Russia, this

08/27/2012
Date

[Signature]
Vladimir Nikolaevich Nazarov

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

On the 7th day of August, 2012, 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.

[Signature]
Diana L. Miller
Notary Public, State of New York
Qualified in Steuben County No. 01MI4798033
My Commission Expires June 30, 2015

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

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

[Signature]
Diana L. Miller
Notary Public, State of New York
Qualified in Steuben County No. 01MI4798
My Commission Expires June 30, 2015

St. Petersburg, Russia) ss:

On the 27th day of August, 2012, 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.

[Signature]
Witness Dotsenko A.V.

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

On the 8th day of August, 2012, 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.

Christa E. Miller
Notary Public Notary Public, State of New York
Qualified in Steuben County No. 01MI4798033
My Commission Expires June 30, 2015

St. Petersburg, Russia) ss:

On the 27th day of August, 2012, 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]* Dotsenko A.V.