

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3928025

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANA CRAIG BOOKBINDER	06/14/2016
MING-JUN LI	06/14/2016
HAZEL BENTON MATTHEWS III	06/16/2016
SNIGDHARAJ KUMAR MISHRA	06/16/2016
PUSHKAR TANDON	06/14/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CORNING INCORPORATED
<b>Street Address:</b>	SP-TI-3-1
<b>City:</b>	CORNING
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	14831
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15188202
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(607)974-3848
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	607-974-5328
<b>Email:</b>	abramovay@corning.com
<b>Correspondent Name:</b>	CORNING INCORPORATED
<b>Address Line 1:</b>	SP-TI-3-1
<b>Address Line 4:</b>	CORNING, NEW YORK 14831
<b>ATTORNEY DOCKET NUMBER:</b>	SP15-188-1
<b>NAME OF SUBMITTER:</b>	KEVIN L. BRAY
<b>SIGNATURE:</b>	/Kevin L. Bray/
<b>DATE SIGNED:</b>	06/21/2016
<b>Total Attachments: 5</b>	
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source=20160620\_SP15-188\_1\_US\_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 **OPTICAL FIBER WITH LARGE EFFECTIVE AREA AND LOW BENDING LOSS**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE June 14, 2016  
DATE June 14, 2016  
DATE June 16, 2016  
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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.

Revised: January 24, 2013

PATENT

REEL: 038973 FRAME: 0543

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 Wilmington, NC, this

June 14, 2016  
Date

Dana Craig Bookbinder  
Dana Craig Bookbinder

6/14/2016  
Date

Ming-Jun Li  
Ming-Jun Li

Date

Hazel Benton Matthews III  
Hazel Benton Matthews III

Date

Snigdharaj Kumar Mishra  
Snigdharaj Kumar Mishra

6/14/16  
Date

Pushkar Tandon  
Pushkar Tandon

State of New York)

: ss.

County of Steuben)

On the 14th day of June 2016, 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.

LuAnne Wheeler  
Notary Public

State of New York)

: ss.

County of Steuben)

On the 14th day of June 2016, 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.

LuAnne Wheeler  
Notary Public

**LuAnne Wheeler**  
Notary Public, State of New York  
Qualified in Steuben County, No. 01WH6338409  
My Commission Expires March 14, 2020

State of North Carolina)

: ss.

County New Hanover)

On the \_\_\_\_\_ day of \_\_\_\_\_ 2016, before me personally came **Hazel Benton Matthews III** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

Revised: June 4, 2015

State of North Carolina)  
: ss.  
County New Hanover)

On the \_\_\_\_ day of \_\_\_\_\_ 2016, before me personally came **Snigdharaj Kumar Mishra** 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 14th day of June 2016, before me personally came **Pushkar Tandon** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

  
\_\_\_\_\_  
Notary Public

LuAnne Wheeler  
Notary Public, State of New York  
Qualified in Steuben County, No. 01WH6338409  
My Commission Expires March 14, 2020

Revised: June 4, 2015

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 Wilmington, NC, this

Date Dana Craig Bookbinder

Date Ming-Jun Li

6-16-2016 Hazel Benton Matthews III

6-16-2016 Snigdharaj Kumar Mishra

Date Pushkar Tandon

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

On the \_\_\_\_ day of \_\_\_\_\_, 2016, 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.

Notary Public

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

On the \_\_\_\_ day of \_\_\_\_\_, 2016, 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

State of North Carolina)  
: ss,  
County New Hanover)

On the 16<sup>th</sup> day of June, 2016, before me personally came Hazel Benton Matthews III known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Shylla S. Alderman  
Notary Public  
Expires 3/23/2020

Revised: June 4, 2015

U.S. Attorney Docket No.: SP15-188

State of North Carolina)  
: ss.  
County New Hanover)

On the 16<sup>th</sup> day of June 2016, before me personally came Snigdharaj Kumar Mishra known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Stephen S. Alderman  
Notary Public expires 3/23/2020

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

On the \_\_\_\_\_ day of \_\_\_\_\_ 2016, before me personally came Pushkar Tandon known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

Revised: June 4, 2015