08-15-2007

103436854

U.S. PTO 11/888958 08/03/2007

Case Name: SP06-139

NT ASSIGNMENT COVER SHEET to the rionorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof. (1) Conveying Party(ies): Scott Robertson Bickham, Dana Craig Bookbinder, Ming-Jun Li, Daniel Aloysius Nolan, Pushkar Tandon, Snigdharaj Kumar Mishra Title: LOW BEND LOSS OPTICAL FIBER WITH DEEP DEPRESSED RING Additional name(s) of conveying party(ies) attached? Yes (2) Receiving Party: Corning Incorporated Patent Dept.; SP-TI-03-1 Corning, NY 14831 (3) Nature of conveyance: Assignment executed: <u>08/01/2007</u>, <u>07/31/2007</u>, <u>07/31/2007</u>, <u>08/03/2007</u>, 07/31/2007, 07/17/2007. (4) Application number(s) and/or patent number(s) against which this assignment is to be recorded: A. Patent Application No.(s): B. Patent No.(s): Filing date: 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 08/01/2007, 07/31/2007, 07/31/2007, 08/03/2007, 07/31/2007, 07/17/2007. (5) Name and address of party to whom correspondence concerning document should be mailed: Name: Robert L. Carlson 11/88895-8 Reg. No. 35,473 Corning Incorporated Patent Department SP-TI-03-1 Corning, NY 14831 Phone No.: 607-974-3502 (6) Total Number of applications and/or patents involved: one (7) Total Fee = \$40.00Enclosed (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. August 3, 2007 Date Total number of pages comprising cover sheet: 1

08/14/2007 MJAMA1 00000025 033325 11888958 01 FC:8021 40.00 DA

REEL: 019719 FRAME: 0724

ASSIGNMENT

Attorne Docket No.: SP06-139

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 LOW BEND LOSS OPTICAL FIBER WITH DEEP DEPRESSED RING, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	08-01-2007
DATE	07-31-2007
DATE	07-31-2007
DATE	08-03-2007
DATE	07-31-2007
DATE	01-17-2007

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.

PATENT REEL: 019719 FRAME: 0725

Signed at Corning, NY, this Signed at Wilmington, NC, this Snigdharaj Kumar Mishra State of New York) County of Steuben) On the _____ day of _____ 2007, 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. Notary Public Lindsay J. Casbeer State of New York) Notary Public, State of New York Qualified in Steuben County No. 01CA6149415 County of Steuben) My Commission Expires July 10, 200 2007, 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 Terri L. Gustin Notary Public, State of New York State of New York) Qualified in Chemung County No. 01GU6064116 Commission Expires September 17, 20_09 County of Steuben) 2007, 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 uindsay J. Casbeer Notary Public, State of New York Qualified in Steuben County No. 01CA6149415 My Commission Expires July 10, 2010

PATENT

REEL: 019719 FRAME: 0726

State of New York) County of Steuben) On the 30 day of August 2007, before me personally came Daniel Aloysius Nolan 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, State of New York State of New York) Qualified in Steuben County No. 4945322 My Commission Expires December 19, 20 10 County of Steuben) On the 3/5' day of 1/1/1/ 2007, 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. Terri L. Gustin Notary Public, State of New York State of North Carolina) Qualified in Chemung County No. 01GU6064116 Commission Expires September 17, 2009 County of New Hanover) On the 1 day of 2007, 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.

(U.S. Regular Application)

Notary Public

My Commission Expires 7/13/08

Attorney Docket No.: SP06-139

PATENT REEL: 019719 FRAME: 0727

Attorne Docket No.: SP06-139

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 LOW BEND LOSS OPTICAL FIBER WITH DEEP DEPRESSED RING, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	08-01-2007
DATE	07-31-2007
DATE	07-31-2007
DATE	08-03-2007
DATE	07-31-2007
DATE	07-17-2007

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.

PATENT REEL: 019719 FRAME: 0728

Signed at Corning, NY, this Signed at Wilmington, NC, this 07-17-2007 State of New York) County of Steuben) On the day of August 2007, 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. Notary Public Lindsay J. Casbeer State of New York) Notary Public, State of New York : 88. Qualified in Steuben County No. 01CA6149415 County of Steuben) My Commission Expires July 10, 200 2007, 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** Terri L. Gustin Notary Public, State of New York State of New York) Qualified in Chemung County No. 01GU6064116 Commission Expires September 17, 20 09 County of Steuben) 2007, 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 Lindsay J. Casbeer Notary Public, State of New York Qualified in Steuben County No. 01CA6149415 My Commission Expires July 10, 2010

PATENT

REEL: 019719 FRAME: 0729

(U.S. Regular Application)

State of New York)

County of Steuben)

State of New York)

County of Steuben)

State of North Carolina)

County of New Hanover)

Attorney Docket No.: SP06-139

PATENT RECORDED: 08/03/2007 REEL: 019719 FRAME: 0730

On the 312 day of August 2007, before me personally came Daniel Aloysius Nolan known to be the person

On the 315^t day of 11111 2007, 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.

On the day of day of 2007, 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

CHRISTINE F. WATTERS Notary Public, State of New York

Qualified in Steuben County No. 4945322 My Commission Expires December 19, 20 10

Notary Public

My Commission Expired 7/13/08

Terri L. Gustin Notary Public, State of New York

Qualified in Chemung County No. 01GU6064116 Commission Expires September 17, 2009

described in and who executed the foregoing instrument, and acknowledged that they executed the same.