Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Scott Robertson Bickham	08/27/2010
Dana Craig Bookbinder	08/30/2010
Ming Jun Li	08/27/2010
Snigdharaj Kumar Mishra	08/30/2010
Daniel Aloysius Nolan	08/27/2010
Pushkar Tandon	08/27/2010

RECEIVING PARTY DATA

Name:	Corning Incorporated
Street Address:	SP-TI-03
City:	Corning
State/Country:	NEW YORK
Postal Code:	14831

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12872051

CORRESPONDENCE DATA

Fax Number: (607)974-3848

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

607-974-0916 Phone: Email: gerowll@corning.com Correspondent Name: **CORNING INCORPORATED**

Address Line 1: SP-TI-3-1

Address Line 4: CORNING, NEW YORK 14831

ATTORNEY DOCKET NUMBER: SP09-379 NAME OF SUBMITTER: Robert L. Carlson

PATENT 501277134 **REEL: 024913 FRAME: 0975**

Total Attachments: 6

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PATENT REEL: 024913 FRAME: 0976

PATENT ASSIGNMENT COVER SHEET

To the Honorable 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, Snigdharaj Kumar Mishra, Daniel Aloysius Nolan, Pushkar Tandon Title: LARGE EFFECTIVE AREA FIBER Additional name(s) of conveying party(ies) attached? Yes \(\subseteq \) No \(\subseteq \) (2) Receiving Party: CORNING INCORPORATED Intellectual Property Department; SP-TI-03-1 Corning, NY 14831 (3) Nature of conveyance: Assignment executed: August 27, 2010, August 30, 2010, August 27, 2010, August 30, 2010, August 27, 2010 and August 27, 2010. (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 ... (5) Name and address of party to whom correspondence concerning document should be mailed: Name: Robert L. Carlson Reg. No. 35,473 CORNING INCORPORATED Intellectual Property 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 31, 2010 Robert L. Carlson Date

> PATENT REEL: 024913 FRAME: 0977

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 LARGE EFFECTIVE AREA FIBER, such inventions being generally described in an application for Letters Patent of the United States executed on

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DATE	<u> 8127 10 </u>
DATE	8130110
DATE	8/27/10
DATE	8/30/10
DATE	8/27/10
DATE	8/27/10

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: August 4, 2009

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

8-27-2010	Sest Robertson Buckhan	
Date	Scott Robertson Bickham	-
August 30, 2010	DANA CRAG BOOKBINGE	-
Date	Dana Craig Bookbinder	
8/27/10	mejli.	_
Date	Ming-Jun Ľí	
Date	Snigdharaj Kumar Mishra	-
	Wil alon De	
<u>\$-27-(6</u> Date	Daniel-Aloysius Nolan	-
8-27-10	Yusukan The	
Date	Pushkar Tandon	
State of New York)	I	
: ss.		
County of Steuben)		
On the <u>I</u> day of <u>HUGUST</u> described in and who executed the for	2010, before me personally came Scott Robertson Bickharegoing instrument, and acknowledged that they executed t	am known to be the person he same
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	Notary Public	LORI L GEROW
		Notary Public, State of New York
State of New York)		01GE6215587
: ss.		Qualified in Steuben County
County of Steuben)	МуС	ommission Expires January 4, 201
On the 30 day of work the for	2010, before me personally came Dana Craig Bookbind regoing instrument, and acknowledged that they executed t	er known to be the person
in and the ended the lot	Hou R. Le	100
	Notary Public	LORI L GEROW

Revised: August 4, 2009

Notary Public, State of New York 01GE6215587 Qualified in Steuben County My Commission Expires January 4, 2014

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.

Date	Scott Robertson Bickham	
Date	Dana Craig Bookbinder	
Date 8/30/2010 Date	Ming-Jun Li Snigolharaj Kumar Mishra Snigolharaj Kumar Mishua	
Date	Daniel Aloysius Nolan	
Date	Pushkar Tandon	
State of New York) : ss. County of Steuben) On the day of	2010, before me personally came Scott Robertson Bickham known to be the	: perso
described in and who executed the	e foregoing instrument, and acknowledged that they executed the same.	, perso
	Notary Public	
itate of New York) : ss. County of Steuben)		
On the day of escribed in and who executed the	2010, before me personally came Dana Craig Bookbinder known to be the e foregoing instrument, and acknowledged that they executed the same.	perso
	Notary Public	

Revised: August 4, 2009

Signed at Corning, NY, this

State of New York)		
: ss.		
County of Steuben)		
On the 27 day of August 2010, before me per and who executed the foregoing instrument, and acknowle	sonally came Ming-Jun Li kno dged that they executed the sam	wn to be the person described in e .
	(,),	PPlan
	Notary Public	n wan
	DIANN	A L. GREEN
		blic, State of NY
		No. 01GR6061934
	Commission E	xp. July 23, 20 <u>/3</u>
 .		
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State of New York)		
; ss.		
County of Steuben)		
On the 27 day of August 2010, before me pe	propelly some Daniel Alexains	Nolan known to be the person
described in and who executed the foregoing instrument, a	nd acknowledged that they exec	uted the same
described in and who executed the foregoing instrument, a		M a
	\mathcal{I}	deray.
	Notary Public	LORI L GEROW
		Notary Public, State of New York
State of New York)		01GE6215587 Qualified in Steuben County
: SS.		My Commission Expires January 4, 201
County of Steuben)		, co
On the Hay of Well 2010, before me person	onally came Pushkar Tandon k	nown to be the person described
in and who executed the foregoing instrument, and acknow		
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	4 Inco	
	Notary Public	LORI L GEROW
		Notary Public, State of New York
		01GE6215587
		Qualified in Steuben County
		My Commission Expires January 4, 2014

Revised: August 4, 2009

PATENT REEL: 024913 FRAME: 0981

State of New York)	
: ss. County of Steuben)	
On the day of 2010, before me personally came Ming-Jun Li and who executed the foregoing instrument, and acknowledged that they executed the s	known to be the person described in ame.
Notary Public	
State of North Carolina)	
County of DENDEL)	
On the 30 day of August 2010, before me personally came Snigdharaj Ku described in and who executed the foregoing instrument, and acknowledged that they executed the foregoing instrument, and acknowledged that they executed the foregoing instrument.	mar Mishra known to be the person secuted the same.
Phyllis S. Notary Public E	Aldernan pines 3/23/2015
State of New York)	
: ss.	
County of Steuben)	
On the day of 2010, before me personally came Daniel Aloy described in and who executed the foregoing instrument, and acknowledged that they ex	sius Nolan known to be the person secuted the same.
Notary Public	<u> </u>
State of New York)	
: SS.	
County of Steuben)	
On the day of 2010, before me personally came Pushkar Tand in and who executed the foregoing instrument, and acknowledged that they executed the	on known to be the person described e same.
Notary Public	

Revised: August 4, 2009