11/21/2019 505785453

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5832281

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM CHARLES BERKEY	01/21/2019
MARTIN A DE LA TORRE	02/18/2019
SOWMYA KRISHNAMURTHY	01/10/2019
JIANDONG MENG	01/10/2019
DAVID POSADA-PINEDA	01/14/2019
RYAN DANIEL RATCHFORD	01/14/2019

RECEIVING PARTY DATA

Name:	CORNING INCORPORATED
Street Address:	SP-TI-3-1
City:	CORNING
State/Country:	NEW YORK
Postal Code:	14831

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16690626

CORRESPONDENCE DATA

Fax Number: (607)974-3848

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.

Phone: 607-974-0084

carltonka@corning.com Email:

CORNING INCORPORATED **Correspondent Name:**

Address Line 1: SP-TI-3-1

Address Line 4: CORNING, NEW YORK 14831

ATTORNEY DOCKET NUMBER:	SP18-096
NAME OF SUBMITTER:	MICHAEL G. PANIAN
SIGNATURE:	/MICHAEL G. PANIAN/
DATE SIGNED:	11/21/2019

Total Attachments: 5

PATENT REEL: 051076 FRAME: 0664

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U.S. Attorney Docket No.: SP18-096PZ/34116-3284

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 an APPARATUSES AND METHODS FOR HEATING AND COOLING GLASS TUBING, such inventions being generally described in an application for Letters Patent of the United States

filed on 11/30/2018, under Patent Application Serial No. 62/773418,

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.

	signs and legal representatives or nominees, that the and clear of any encumbrance, and that I have full right
Signed at Cheonan, South Korea, this	
Dated: 1/21/2019	Adam Charles Berkey
Signed at Corning, New York, this	
Dated:	Martin de la Torre
Dated:	Sowmya Krishnamurthy
Dated:	Jiandong Meng
Dated:	David Posada-Pineda
Signed at, Pennsylvania, this	
Dated:	Ryan Daniel Ratchford
State of Pennsylvania) : ss. County of	
On the 21 ST day of JANUARY 2019, be to be the person described in and who executed the same.	efore me personally came Adam Charles Berkey known cuted the foregoing instrument, and acknowledged that
State of New York)	Notary Public Witness
: ss. County of Steuben)	
On the day of 2019, b be the person described in and who execute executed the same.	efore me personally came Martin de la Torre known to d the foregoing instrument, and acknowledged that they
	Notary Public

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, Pennsylvania, this	
Dated:	Adam Charles Berkey
El Paso , Texas Signed at Corning, New York , this	Adam Charles Berkey
Dated: 2/18/2019	
Dated:	Martin de la Torre
	Sowmya Krishnamurthy
Dated:	Jiandong Meng
Dated:	David Posada-Pineda
Signed at, Pennsylvania, this	David I osada-I meda
Dated:	
	Ryan Daniel Ratchford
State of Pennsylvania)	
: ss. County of)	
On the day of 2019, be	efore me personally came Adam Charles Berkey knowr cuted the foregoing instrument, and acknowledged that
State of New Yorks Teles	Notary Public
State of N ew Yo rk) Tokas : ss. County of <u>Steube</u> n) — Pa80	
On the 18 day of Toward 19, be the person described in and who executed	efore me personally came Martin de la Torre known to d the foregoing instrument, and acknowledged that they
executed the same.	the protection be
DIANA HOLGUIN MY COMMISSION EXPIR	Notary Public

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 ______, Pennsylvania, this Dated: Adam Charles Berkey Signed at Corning, New York, this Dated: Martin de la Torre Sowmya Krishnamurthy Dated: 0///0/2019 Dated: ______ David Posada-Pineda Dated: 1/14/2019 Ryan Daniel Ratchford State of Pennsylvania) County of) 2019, before me personally came Adam Charles Berkey known On the ____ day of ____ 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 2019, before me personally came Martin de la Torre known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the

State of New York)
: ss. County of Steuben)
On the day of
State of New Orlingsion Expires January 5, 20
County of Steuben)
On the day of day of 2019, before me personally came Jiandong Meng known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the personal pers
: ss. County of Steuben)
On the day of 2019, before me personally came David Posada-Pineda known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same PENNY L SEMPLER Notary Public, State of New York No. 01SE6198949
No. 01SE6198949 NEW John Cheming County 2 Notary Public State of Pennsymptotion Expires January 5, 202
County of Section (Section 1)
On the day of 2019, before me personally came Ryan Daniel Ratchford known to be the person described in and who executed the foregoing instrument, and acknowledged
that they executed the same.
PENNY L SEMPLER Notary Public, State of New York No. 01SE6198949 Qualified in Chemung County Commission Expires January 5, 20

PATENT REEL: 051076 FRAME: 0670

RECORDED: 11/21/2019