

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5540967

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADAM CHARLES BERKEY	03/10/2018
ELIOT GEATHERS	03/21/2018
DANIEL WARREN HAWTOF	02/26/2018
DOUGLAS EDWARD MCELHENY	03/09/2018
JIANDONG MENG	02/26/2018
ELIAS PANIDES	03/12/2018
GAOZHU PENG	03/01/2018
RANDY LEE RHOADS	02/27/2018
YURIY YURKOVSKYY	03/23/2018
CHUNFENG ZHOU	02/26/2018
RECEIVING PARTY DATA	
Name:	CORNING INCORPORATED
Street Address:	ONE RIVERFRONT PLAZA
Internal Address:	SP-TI-3-1
City:	CORNING
State/Country:	NEW YORK
Postal Code:	14831
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16464231
CORRESPONDENCE DATA	
Fax Number:	(513)977-8141
<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>	
Phone:	513-977-8200
Email:	elise.merkel@dinsmore.com
Correspondent Name:	DINSMORE & SHOHL LLP
Address Line 1:	255 EAST FIFTH STREET
Address Line 2:	SUITE 1900
Address Line 4:	CINCINNATI, OHIO 45202

PATENT

ATTORNEY DOCKET NUMBER:	SP16-268 / 34116-3970
NAME OF SUBMITTER:	BRIAN A. TENT
SIGNATURE:	/Brian A. Tent/
DATE SIGNED:	05/24/2019
Total Attachments: 12 source=SP16_268_PCT_Assignment#page1.tif source=SP16_268_PCT_Assignment#page2.tif source=SP16_268_PCT_Assignment#page3.tif source=SP16_268_PCT_Assignment#page4.tif source=SP16_268_PCT_Assignment#page5.tif source=SP16_268_PCT_Assignment#page6.tif source=SP16_268_PCT_Assignment#page7.tif source=SP16_268_PCT_Assignment#page8.tif source=SP16_268_PCT_Assignment#page9.tif source=SP16_268_PCT_Assignment#page10.tif source=SP16_268_PCT_Assignment#page11.tif source=SP16_268_PCT_Assignment#page12.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, including the right of priority, for all countries, in and to certain inventions relating to **METHODS AND APPARATUSES FOR CONTROLLING GLASS TUBE TAPER**, such inventions being generally described in an application for an international patent provided by the International Convention for the Protection of Industrial Property, as amended, or other form of protection for said inventions filed by it or them, and for which said application for International Patent was filed under:

☒ PCT Application No. PCT/US2017/063906 filed 11/30/2017
claiming priority of

☒ United States Provisional Serial No. 62/428.005 filed 11/30/2016

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 hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **CORNING's** behalf in the aforementioned application, to insert above the filing date and application number of said application, when known.

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.

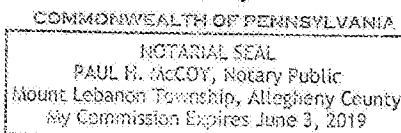
I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Pittsburgh, Pennsylvania this

3/10/2018
Date

Adam Charles Berkey
Adam Charles Berkey

State of Pennsylvania)
County of Allegheny ss.



On the 10 day of MARCH 2018, before me personally came **Adam Charles Berkey** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Paul H. McCoy
Notary Public

Signed at CORNING, ^{NEW YORK} Texas this

3/21/2018
Date

Eliot Geathers
Eliot Geathers

State of Texas)
County of _____ ss.

On the ____ day of _____ 2018, before me personally came **Eliot Geathers** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Signed at CORNING, NEW YORK, this

Date

Daniel Warren Hawtof

Date

Douglas Edward McElheny

Date

Jiandong Meng

Date

Elias Panides

Receipt acknowledged on behalf of Corning Incorporated by:

By: Thomas R. Beall
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: 3/28/18

Date

Gaozhu Peng

Date

Randy Lee Rhoads

Date

March 23, 2018

[Signature]
Yuri Yurkovsky

Date

Chunfeng Zhou

State of NEW YORK)
: ss.
County of Steuben)

On the ____ day of _____ 2018, before me personally came **Daniel Warren Hawtof** 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 _____ 2018, before me personally came **Douglas Edward McElheny** 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 _____ 2018, 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 same.

Notary Public

State of NEW YORK)
: ss.
County of Steuben)

On the ____ day of _____ 2018, before me personally came **Elias Panides** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Receipt acknowledged on behalf of Corning Incorporated by:

By: *[Signature]*
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: *3/28/18*

State of NEW YORK)
: ss.
County of Steuben)

On the _____ day of _____ 2018, before me personally came **Gaozhu Peng** 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)

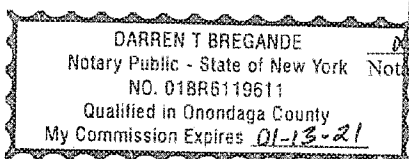
On the _____ day of _____ 2018, before me personally came **Randy Lee Rhoads** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of NEW YORK)
Onondaga ss. *DB*
County of Steuben)

On the *23* day of *March* 2018, before me personally came **Yuriy Yurkovskyy** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

State of NEW YORK)
: ss.
County of Steuben)



Darren T. Bregande

Notary Public

On the _____ day of _____ 2018, before me personally came **Chunfeng Zhou** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Receipt acknowledged on behalf of Corning Incorporated by:

By: *Thomas R. Beall*
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: *3/28/18*

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, including the right of priority, for all countries, in and to certain inventions relating to **METHODS AND APPARATUSES FOR CONTROLLING GLASS TUBE TAPER**, such inventions being generally described in an application for an international patent provided by the International Convention for the Protection of Industrial Property, as amended, or other form of protection for said inventions filed by it or them, and for which said application for International Patent was filed under:

☒ PCT Application No. PCT/US2017/063906 filed 11/30/2017
claiming priority of

☒ United States Provisional Serial No. 62/428.005 filed 11/30/2016

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 hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **CORNING's** behalf in the aforementioned application, to insert above the filing date and application number of said application, when known.

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 Pittsburgh, Pennsylvania this

Date

Adam Charles Berkey

State of Pennsylvania)

: ss.

County of)

On the _____ day of _____ 2018, before me personally came Adam Charles Berkey known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Signed at CORNING, NEW YORK, Texas this

Notary Public

3/21/2018

Date

Eliot Geathers

State of Texas

: ss.

County of)

On the 21st day of March 2018, before me personally came Eliot Geathers known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

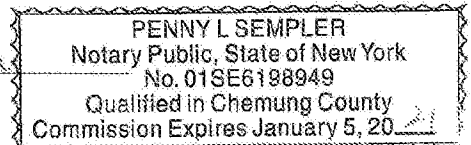
Signed at CORNING, NEW YORK, this

Notary Public

2/26/2018

Date

Daniel Warren Hawtof



Date

Douglas Edward McElheny

02/26/2018

Date

Jiandong Meng

03/12/2018

Date

Elias Panides

Receipt acknowledged on behalf of Corning Incorporated by:

By:

Name: Thomas R. Beall

Title: Vice President & Chief IP Counsel

Dated:

3/22/18

03/01/2018

Date

Gaozhu Peng

2/27/18

Date

Randy Lee Rhoads

Date

Yuriy Yurkovskyy

2/26/2018

Date

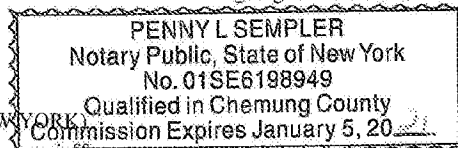
Chunfeng Zhou

State of NEW YORK)

: ss.

County of Steuben)

On the 26th day of February 2018, before me personally came **Daniel Warren Hawtof** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



State of NEW YORK)

County of Steuben)

On the ____ day of _____ 2018, before me personally came **Douglas Edward McElheny** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

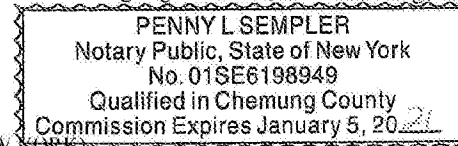
Notary Public

State of NEW YORK)

: ss.

County of Steuben)

On the 26th day of February 2018, 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 same.



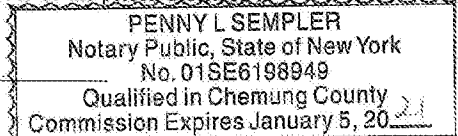
State of NEW YORK)

: ss.

County of Steuben)

On the 12th day of March 2018, before me personally came **Elias Panides** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public



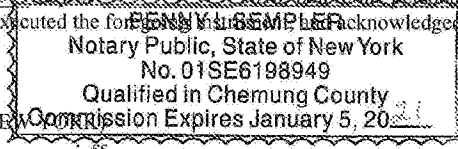
Receipt acknowledged on behalf of Corning Incorporated by

By: Thomas R. Beall
 Name: Thomas R. Beall
 Title: Vice President & Chief IP Counsel

Dated: 3/15/18

State of NEW YORK)
: ss.
County of Steuben)

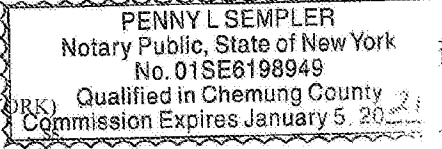
On the 1st day of March, 2018, before me personally came **Gaozhu Peng** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



Penny L. Sempler
Notary Public

State of NEW YORK)
: ss.
County of Steuben)

On the 27th day of February, 2018, before me personally came **Randy Lee Rhoads** 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

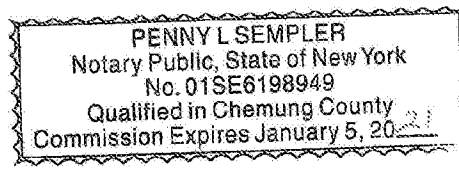
State of NEW YORK)
: ss.
County of Steuben)

On the _____ day of _____, 2018, before me personally came **Yuriy Yurkovskyy** 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 26th day of February, 2018, before me personally came **Chunfeng Zhou** 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

Receipt acknowledged on behalf of Corning Incorporated by:

By: Thomas R. Beall
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: 3/28/18

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, including the right of priority, for all countries, in and to certain inventions relating to **METHODS AND APPARATUSES FOR CONTROLLING GLASS TUBE TAPER**, such inventions being generally described in an application for an international patent provided by the International Convention for the Protection of Industrial Property, as amended, or other form of protection for said inventions filed by it or them, and for which said application for International Patent was filed under:

☒ PCT Application No. PCT/US2017/063906 filed 11/30/2017
claiming priority of

☒ United States Provisional Serial No. 62/428.005 filed 11/30/2016

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 hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **CORNING's** behalf in the aforementioned application, to insert above the filing date and application number of said application, when known.

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 Pittsburgh, Pennsylvania this

Date Adam Charles Berkey

State of Pennsylvania)
: ss.
County of _____)

On the ____ day of _____ 2018, before me personally came Adam Charles Berkey known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Signed at CORNING, ^{NEW YORK} ~~Texas~~ this _____
Notary Public

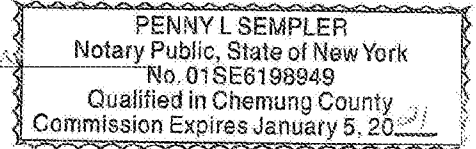
3/21/2018
Date Eliot Geathers

State of ~~Texas~~ ^{NEW YORK}
: ss.
County of Staten)

On the 21st day of March 2018, before me personally came Eliot Geathers known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Signed at CORNING, NEW YORK, this

Penny L Sempler
Notary Public



Date Daniel Warren Hawtof

3-4-2018
Date Douglas Edward McElheny

Date Jiandong Meng

Date Elias Panides

Receipt acknowledged on behalf of Corning Incorporated by:

By: Thomas R. Beall
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: 3/20/18

Date

Gaozhu Peng

Date

Randy Lee Rhoads

Date

Yuriy Yurkovskyy

Date

Chunfeng Zhou

State of NEW YORK)

: ss.

County of Steuben)

On the ____ day of _____ 2018, before me personally came **Daniel Warren Hawtof** 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) *CHEMUNG*

On the 9th day of MARCH 2018, before me personally came **Douglas Edward McElheny** 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 _____ 2018, 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 same.

Notary Public

State of NEW YORK)

: ss.

County of Steuben)

On the ____ day of _____ 2018, before me personally came **Elias Panides** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Receipt acknowledged on behalf of Corning Incorporated by:

By: *Thomas R. Beall*
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: 3/29/18

State of NEW YORK)

: ss.

County of Steuben)

On the _____ day of _____, 2018, before me personally came **Gaozhu Peng** 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 _____, 2018, before me personally came **Randy Lee Rhoads** 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 _____, 2018, before me personally came **Yuriy Yurkovskyy** 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 _____, 2018, before me personally came **Chunfeng Zhou** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Receipt acknowledged on behalf of Corning Incorporated by:

By: Thomas R. Beall
Name: Thomas R. Beall
Title: Vice President & Chief IP Counsel

Dated: 7/28/18