505490800 05/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5537604

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT DELIA	05/15/2019
AHDI EL-KAHLOUT	05/21/2019
SOONGYUP LEE	05/22/2019

RECEIVING PARTY DATA

Name:	CORNING INCORPORATED
Street Address:	ONE RIVERFRONT PLAZA
City:	CORNING
State/Country:	NEW YORK
Postal Code:	14831

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16463529

CORRESPONDENCE DATA

Fax Number:

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.

Email: wallacem@corning.com

Correspondent Name: CORNING INCORPORATED
Address Line 1: ONE RIVERFRONT PLAZA
Address Line 4: CORNING, NEW YORK 14831

ATTORNEY DOCKET NUMBER:	SP16-378
NAME OF SUBMITTER:	MATTHEW J MASON
SIGNATURE:	/Matthew J. Mason/
DATE SIGNED:	05/23/2019

Total Attachments: 6

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PATENT 505490800 REEL: 049267 FRAME: 0210

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PATENT REEL: 049267 FRAME: 0211

U.S. Attorney Docket No.: SP16-378

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 METHOD AND APPARATUS FOR GLASS RIBBON THERMAL CONTROL, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	5/15/2019
DATE	
DATE	

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: March 20, 2018

PATENT REEL: 049267 FRAME: 0212

U.S. Attorney Docket No.: SP16-378

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, NEW YORK, this

5/19/2019

Date

Robert Delia

State of NEW YORK)

; S

County of Steuben)

On the 15 day of 2019, before me personally came Robert Delia 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

Qualified in Steuben County, No. 01WH6338409

My Commission Expires March 14, 2020

Meanul Wheeles
Notary Public

Revised: March 20, 2018

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 METHOD AND APPARATUS FOR GLASS RIBBON THERMAL CONTROL, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	
DATE	5/21/2019
DATE	

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: March 20, 2018

U.S. Attorney Docket No.: SP16-378

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 TAIPEI, TAIWAN, KENTUCKY, this

5/21/2019 Soongyup Lee Date State of KENTUCKY) On the 21^{5t} day of MAY 2019, before me personally came Ahdi El-Kahlout known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same. State of KENTUCKY) County of 2019, before me personally came Soongyup Lee known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Revised: March 20, 2018

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 METHOD AND APPARATUS FOR GLASS RIBBON THERMAL CONTROL, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	
DATE	
DATE	MAY 22, 2019

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: March 20, 2018

PATENT REEL: 049267 FRAME: 0216 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.

HEFEI, CAINA Signed at	;-KENTUCKY, this
Date May 22, 2019 Date	Ahdi El-Kahlout Soongyap Lec
State of KENTUCKY) : ss. County of	2019, before me personally came Ahdi El-Kahlout known to be the person going instrument, and acknowledged that they executed the same.
	Notary Public
State of KENTUCKY; SS County of Horizon Characteristics On the 22 day of May 21 in and who executed the foregoing instr	019, before me personally came Soongyup Lee known to be the person described rument, and acknowledged that they executed the same.

Revised: March 20, 2018

RECORDED: 05/23/2019