505173635 11/02/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT5220403

CONVEYING PARTY DATA

NATURE OF CONVEYANCE:

Name	Execution Date
DANA CRAIG BOOKBINDER	10/30/2018
KAMJULA PATTABHIRAMI REDDY	11/02/2018
PUSHKAR TANDON	11/01/2018

ASSIGNMENT

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:	15572358

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.

Phone: 607-974-0084
Email: dullIn@corning.com

Correspondent Name: CORNING INCORPORATED

Address Line 1: SP-TI-3-1

Address Line 4: CORNING, NEW YORK 14831

ATTORNEY DOCKET NUMBER:	SP15-094	
NAME OF SUBMITTER:	KURT R. DENNISTON	
SIGNATURE:	/Kurt R. Denniston/	
DATE SIGNED:	11/02/2018	

Total Attachments: 4

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PATENT 505173635 REEL: 047398 FRAME: 0508

U.S. Attorney Docket No.: SP15-094

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 HOUSING, FLUID STREAM TREATMENT ARTICLE, EXHAUST SYSTEM AND METHODS OF MANUFACTURING SAME, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE NOV 2,2018

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: 047398 FRAME: 0509

U.S. Attorney Docket No.: SP15-094

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 HOUSING, FLUID STREAM TREATMENT ARTICLE, EXHAUST SYSTEM AND METHODS OF MANUFACTURING SAME, such inventions being generally described in an application for Letters Patent of the United States executed on

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DATE	Nov 181, 2018

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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.

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Revised: March 20, 2018

PRIVILEGED & CONFIDENTIAL U.S. Attorney Docket No.: SP15-094

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 Pushkar Tandon Date State of NEW YORK) County of Steuben) 2018, 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. Michelle M. Proctor Notary Public, State of New York State of NEW YORK) Steuben County No. 4911462 Commission Expires Nov. 9, 20 21 County of Steuben) On the 02 day of Movembu 2018, before me personally came Kamjula Pattabhirami Reddy known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same. BETH A. FALCO NOTARY PUBLIC, STATE OF NEW YORK Registration No. 01FA6373141 Qualified in Steuben County Commission Expires April 2, 2022 State of NEW YORK) County of Steuben) day of __ 2018, 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. Notary Public

Revised: March 20, 2018

PATENT REEL: 047398 FRAME: 0511

PRIVILEGED & CONFIDENTIAL U.S. Attorney Docket No.: SP15-094

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			
Date	Dana Craig Bookbinder		
Date	Kamjula Pattabhirami Reddy		
Signed at Berlin, Germany this Nov 187, 2018 Date	Pushkar Tandon		
State of NEW YORK)			
: ss. County of Steuben)			
On theday of2018, 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		
State of NEW YORK) : ss. County of Steuben) On the day of 20 person described in and who executed the	Ol8, before me personally came Kamjula Pattabhirami Reddy known to be the see foregoing instrument, and acknowledged that they executed the same.		
	Notary Public		
On the 1 day of 100/ 2018, 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. 2. Dallac Stillein Witness Waldeman Stücklein			
Revised: March 20, 2018	ov mene were say over - 1		

PATENT REEL: 047398 FRAME: 0512

RECORDED: 11/02/2018