# 506944604 10/27/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6991441

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
OLUS NAILI BORATAV	06/18/2021
JULIE ANN CHALK	04/10/2020
DAVID WESLEY CHIASSON	07/07/2020
GREGORY ALAN MILLS	06/23/2020
GIRISH ARUN SAIGAONKAR	06/18/2020
RANDALL DWAINE TUTTLE	08/10/2020
XIAOMIN ZHAO	04/07/2020

### **RECEIVING PARTY DATA**

Name:	CORNING RESEARCH & DEVELOPMENT CORPORATION
Street Address:	ONE RIVERFRONT PLAZA
City:	CORNING
State/Country:	NEW YORK
Postal Code:	14831

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17511835

## **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:** 607-974-1442

**Email:** defreitam@corning.com

Correspondent Name: CORNING RESEARCH & DEVELOPMENT CORPORATION

Address Line 1: INTELLECTUAL PROPERTY DEPARTMENT,

Address Line 2: SP-TI-3-1

Address Line 4: CORNING, NEW YORK 14831

ATTORNEY DOCKET NUMBER:	HI19-003A
NAME OF SUBMITTER:	MICHELLE DEFREITAS
SIGNATURE:	/Michelle DeFreitas/
DATE SIGNED:	10/27/2021

506944604 REEL: 057930 FRAME: 0229

# Total Attachments: 9 source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page1.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page2.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page3.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page4.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page5.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page6.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page7.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page8.tif source=20200813\_ HI19-003US\_Fully\_signed\_Assignment#page8.tif

PATENT REEL: 057930 FRAME: 0230

### ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto CORNING RESEARCH & DEVELOPMENT CORPORATION, a corporation organized and existing under the laws of the State of Delaware, 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 **COLORED RIBBON WITH DISCRETE COLOR LAYERS**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	6/18/2020
DATE	4/10/2020
DATE	7/7/2020
DATE	6/23/2020
DATE	6/18/2020
DATE	8/10/2020
DATE	Apr:17, 2020
	j

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.

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 this		
6/18/2020	Olus Noili Boa	for
Date	Olus Naili Boratav	
Date	Julie Ann Chalk	
Date	David Wesley Chiasson	
Date	Gregory Alan Mills	
Date	Girish Arun Saigaonkar	
Date	Randall Dwaine Tuttle	
Date	Xiaomin Zhao	
State of New York) : ss. County of Steuben)		
On the day of described in and who executed the fo	_ 2020, before me personally came Olus Naili Boratav kn regoing instrument, and acknowledged that they executed the sa	nown to be the person ame.
	Notary Public	
State of North Carolina) : ss. County of Catawba)		
On the day of in and who executed the foregoing in	2020, before me personally came <b>Julie Ann Chalk</b> known to be strument, and acknowledged that they executed the same.	be the person described
	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.

Date	Olus Naili Boratav
4/10/2020	Julie Ann Chalk
Date	Julie Ann Chalk
Date	David Wesley Chiasson
Date	Gregory Alan Mills
Date	Girish Arun Saigaonkar
Date	Randall Dwaine Tuttle
Date	Xiaomin Zhao
State of New York) : ss. County of Steuben)	
On the day ofdescribed in and who executed	2020, before me personally came <b>Olus Naili Boratav</b> known to be the person the foregoing instrument, and acknowledged that they executed the same.
	Notary Public
State of North Carolina) : ss. County of Catawba)	
On the day of in and who executed the forego	2020, before me personally came <b>Julie Ann Chalk</b> known to be the person described bing instrument, and acknowledged that they executed the same.
	Notary Public

Revised: June 14, 2016

Signed this

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 this	
Date	Olus Naili Boratav
Date	Julie Ann Chalk
July 7/2022 Date	David Wesley Chiasson
Date	Gregory Alan Mills
Date	Girish Arun Saigaonkar
Date	Randall Dwaine Tuttle
Date	Xiaomin Zhao
State of New York) ; ss. County of Steuben)	
On the day of described in and who executed the	2020, before me personally came Olus Naili Boratav known to be the person he foregoing instrument, and acknowledged that they executed the same.
	Notary Public
State of North Carolina) : 58. County of Catawba)	
On the day of in and who executed the foregoin	2020, before me personally came Julie Ann Chalk known to be the person described ag instrument, and acknowledged that they executed the same.

Notary Public

PATENT REEL: 057930 FRAME: 0234

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	Olus Naili Boratav
Date	Julie Ann Chalk
Date	David Wesley Chiasson
6/23/2020 Date	Gregory Alan Mills
Date	Girish Arun Saigaonkar
Date	Randall Dwaine Tuttle
Date	Xiaomin Zhao
State of New York) : ss. County of Steuben)	
On the day of	2020, before me personally came <b>Olus Naili Boratav</b> known to be the person the foregoing instrument, and acknowledged that they executed the same.
	Notary Public
State of North Carolina) : ss. County of Catawba)	
On the day of in and who executed the forego	2020, before me personally came <b>Julie Ann Chalk</b> known to be the person described ing instrument, and acknowledged that they executed the same.
	Notary Public

Revised: June 14, 2016

Signed this

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	Olus Naili Boratav
Date	Julie Ann Chalk
Date	David Wesley Chiasson
Date	Gregory Alan Mills
6/18/2020	Girish Arun Saigaonkar
Date	Girish Arun Saigaonkar
Date	Randall Dwaine Tuttie
Date	Xiaomin Zhao
State of New York) : ss.	
County of Steuben) On the day of described in and who executed t	2020, before me personally came Olus Naili Boratav known to be the person he foregoing instrument, and acknowledged that they executed the same.
	Notary Public
State of North Carolina)  2 ss.  County of Catawba)	
On the day of in and who executed the foregoi	2020, before me personally came Julie Ann Chalk known to be the person described ng instrument, and acknowledged that they executed the same.
	Notary Public

Revised: June 14, 2016

Signed this

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 this	
Date	Olus Naili Boratav
Date	Julie Ann Chalk
Date	David Wesley Chiasson
Date	Gregory Alan Mills
Date	Girish Arun Saigaonkar
8-10-20 Date	Randall Dwaine Tuttle
Date	Xiaomin Zhao
State of New York) : ss. County of Steuben)	
On the day of	2020, before me personally came <b>Olus Naili Boratav</b> known to be the person the foregoing instrument, and acknowledged that they executed the same.
	Notary Public
State of North Carolina) : ss. County of Catawba)	
On the day of in and who executed the foregon	2020, before me personally came <b>Julie Ann Chalk</b> known to be the person described ing instrument, and acknowledged that they executed the same.
	Notary Public

PATENT REEL: 057930 FRAME: 0237

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 this	
Date	Olus Naili Boratav
Date	Julie Ann Chalk
Date	David Wesley Chiasson
Date	Gregory Alan Mills
Date	Girish Arun Saigaonkar
Date  And 7. 202	Randall Dwaine Tuttle
Date	Xiaomin Zhao
State of New York) : ss. County of Steuben)	
On the day of described in and who executed the fo	2020, before me personally came Olus Naili Boratav known to be the person pregoing instrument, and acknowledged that they executed the same.
	Notary Public
State of North Carolina) : ss. County of Catawba)	
On the day of in and who executed the foregoing in	2020, before me personally came Julie Ann Chaik known to be the person described astrument, and acknowledged that they executed the same.
	Notary Public

Witnessed:
On the day of 2020, before me personally came <b>David Wesley Chiasson</b> known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.
Witness
State of North Carolina) : ss. County of Catawba)
On the day of 2020, before me personally came <b>Gregory Alan Mills</b> known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.
Notary Public
Witnessed:
On the day of 2020, before me personally came <b>Girish Arun Saigaonkar</b> known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.
Witness
State of North Carolina) : ss. County of Catawba)
On the day of 2020, before me personally came Randall Dwaine Tuttle known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.
Notary Public
Witnessed:  On the day of 2020, before me personally came Xiaomin Zhao known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.