

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5754615

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANIL KUMAR	12/13/2018
DARRIN R. DABIDEEN	12/12/2018
SHENGWEN YUAN	12/12/2018
MASSIMILIANO TOMASULO	12/10/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRANSITIONS OPTICAL, LTD.
<b>Street Address:</b>	IDA INDUSTRIAL ESTATE, DUNMORE ROAD, COUNTY GALWAY
<b>City:</b>	TUAM
<b>State/Country:</b>	IRELAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16500930
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
<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>	
<b>Phone:</b>	(412)471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM
<b>Address Line 1:</b>	ONE GATEWAY CENTER
<b>Address Line 2:</b>	420 FT. DUQUESNE BLVD., SUITE 1200
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	7946-1907031
<b>NAME OF SUBMITTER:</b>	LESTER N. FORTNEY, REG. NO. 38,141
<b>SIGNATURE:</b>	/Lester N. Fortney/
<b>DATE SIGNED:</b>	10/04/2019
<b>Total Attachments: 7</b>	
source=RecordationCoverSheet#page1.tif	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

**PATENT**

**REEL: 050626 FRAME: 0149**

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Anil KUMAR  
Darrin R. DABIDEEN  
Shengwen YUAN  
Massimiliano TOMASULO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 12-13-2018, 12-12-2018, 12-10-2018

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Transitions Optical, Ltd.

Internal Address: \_\_\_\_\_

Street Address: IDA Industrial Estate, Dunmore Road

County Galway

City: Tuam

State: \_\_\_\_\_

Country: IRELAND

Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/500,930

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Lester N. Fortney

Internal Address: The Webb Law Firm

Street Address: One Gateway Center

420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 7946 - 1907031

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0**

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

/Lester N. Fortney/

Signature

October 4, 2019

Date

Lester N. Fortney

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**

**REEL: 050626 FRAME: 0150**

Application No. PCT/EP2017/061138

Attorney Docket No. 7946-1604027

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

PHOTOCHROMIC INDENO FUSED PHENANTHRENOPYRAN COMPOUNDS

(Invention Title)

☐ for which a United States Provisional Patent application was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☐ for which an application for a United States Patent was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 05/10/2017 (mm/dd/yyyy), bearing Application No. PCT/EP2017/061138 (hereinafter "said application").

AND, WHEREAS, TRANSITIONS OPTICAL, LTD., a limited liability company organized and existing under the laws of Ireland, having a place of business at IDA Industrial Estate Dunmore Road, Tuam, Co. Galway, Ireland, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

Application No. PCT/EP2017/061138

Attorney Docket No. 7946-1604027

testify in any legal proceedings, sign all lawful papers, execute all divisional, non-provisional reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

RESIDENCE:

Anil Kumar

Murrysville, PA

EXECUTED this 13 day of December, 2018

Anil Kumar  
SIGNATURE

WITNESS:

Patricia Ann  
Name:

☒ Checked Box indicates 4 additional page(s).

Application No. PCT/EP2017/061138

Attorney Docket No. 7946-1604027

2. FULL NAME OF ASSIGNOR:

Darrin R. Dabideen

RESIDENCE:

Pittsburgh, PA

EXECUTED this 12 day of 12, 2018

Darrin R. Dabideen

SIGNATURE

WITNESS:

Pattin L. Carver

Name:

Application No. PCT/EP2017/061138

Attorney Docket No. 7946-1604027

3. FULL NAME OF ASSIGNOR:

Shengwen Yuan

RESIDENCE:

Monroeville, PA

EXECUTED this 12 day of December, 2018

Shengwen Yuan

SIGNATURE

WITNESS:

Patrick L. Conn

Name:

Application No. PCT/EP2017/061138

Attorney Docket No. 7946-1604027

4. FULL NAME OF ASSIGNOR:

RESIDENCE:

Massimiliano Tomasulo

Miami, FL

EXECUTED this 10 day of DECEMBER, 2018

  
SIGNATURE

WITNESS:

\_\_\_\_\_  
Name:

Application No. PCT/EP2017/061138

Attorney Docket No. 7946-1604027

Acknowledgement of this Assignment is made by/on behalf of the Assignee:

NAME OF ASSIGNEE:

TRANSITIONS OPTICAL, LTD.

PLACE OF BUSINESS:

Tuam, Co. Galway, Ireland

EXECUTED this 11<sup>th</sup> day of DECEMBER, 2018



SIGNATURE

Name: RONAN TIMOTHY

Title: FINANCE DIRECTOR

WITNESS:



Name: CAROL BURKE

TRANSITIONS OPTICAL