# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7190709

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SIDDHARTH RAJAN	05/29/2018
YUEWEI ZHANG	05/15/2018
ZANE JAMAL-EDDINE	05/31/2018
FAITH AKYOL	05/02/2018

## **RECEIVING PARTY DATA**

Name:	me: OHIO STATE INNOVATION FOUNDATION	
Street Address: 1524 NORTH HIGH STREET		
City:	COLUMBUS	
State/Country:	OHIO	
Postal Code:	43201	

### **PROPERTY NUMBERS Total: 2**

Property Type	Number
PCT Number:	US2018030512
Application Number:	17516796

### 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:** 404-645-7700

Email: nkubon@mcciplaw.com

Correspondent Name: MEUNIER CARLIN & CURFMAN LLC

**Address Line 1:** 999 PEACHTREE STREET NE, SUITE 1300

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER: 10336-290US2

NAME OF SUBMITTER: NICOLE KUBON

SIGNATURE: /Nicole Kubon/

DATE SIGNED: 02/23/2022

**Total Attachments: 6** 

source=10336-290US1 2019\_11\_01 Recorded Assignment#page1.tif

PATENT REEL: 059077 FRAME: 0678

507143865

source=10336-290US1 2019_11_01 Recorded Assignment#page2.tif	
source=10336-290US1 2019_11_01 Recorded Assignment#page3.tif	
source=10336-290US1 2019_11_01 Recorded Assignment#page4.tif	
source=10336-290US1 2019_11_01 Recorded Assignment#page5.tif	
source=10336-290US1 2019_11_01 Recorded Assignment#page6.tif	

PATENT REEL: 059077 FRAME: 0679 Attorney Docket No. 10336-290W01 OSU Reference No. 2017-103 Application No. PCT/US2018/030512

#### ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, SIDDHARTH RAJAN, an India citizen, residing at 1919 Inchcliff Road, Columbus, Ohio 43221; YUEWEI ZHANG, a Chinese citizen, residing at 5346 Firebrush Lane, Columbus, Ohio 43235; ZANE JAMAL-EDDINE, a United States citizen, residing at 1846 Kenny Road, Columbus, Ohio 43212 and FATIH AKYOL, a Turkish citizen, residing at 5353 Portland Street, Apt. 302, Columbus, Ohio 43235 (hereinafter "Assignors") hereby sell, assign and transfer to Ohio State Innovation Foundation, a non-profit corporation, with offices located at 1524 North High Street, Columbus, Ohio 43201 (hereinafter "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, in and to any and all inventions which are disclosed in:

Application No.: PCT/US2018/030512

• Filing Date: May 1, 2018

Title: TUNNEL JUNCTION ULTRAVIOLET LIGHT EMITTING DIODES WITH

**ENHANCED LIGHT EXTRACTION EFFICIENCY** 

• OSU Ref. No.: 2017-103

SUCH ASSIGNMENT shall be in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing applications, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said invention. We hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent to the above Assignee, its successors and/or assigns.

ASSIGNORS also agree that said Assignee may apply for, receive and maintain Letters Patent for said inventions in its own name; and that, when requested, without charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, Assignors will carry out in good faith the intent and purpose of this assignment and that the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said inventions for the U.S., all other countries of the world and under all treaties; and will execute all rightful oaths, supplemental oaths, preliminary statements, assignments, powers of attorney, assurance of title, declarations and other papers for the U.S., all other countries and under all treaties, and will communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions, and for complying with applicable law and for vesting title

1

Attorney Docket No. 10336-290W01 OSU Reference No. 2017-103 Application No. PCT/US2018/030512

Date: 5/29/2018

to said inventions and all applications for patents and all patents on said inventions in said Assignee, its successors, assigns and legal representatives for the U.S., all other countries and under all related treaties.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of said Assignee to apply for, defend or enforce a patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

ASSIGNORS FURTHER covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIDDHARTH RAJAN

Leaver 42

WITNESS	ED BY:	
Caiyu	r Wang	
Printed Name	Caiyu	Wang
Date: 5 /	129/20	18
WITNESS	EO 8Y:	
<u> </u>	er g	
Printed Name	<u>zhanbo</u>	Xia
Date:	5-/29	/2018

Attorney Docket No. 10336-290WO1 OSU Reference No. 2017-103 Application No. PCT/US2018/030S12

Pate:_	5/15/2018 By: quench the
	YUEWEI ZHANG
	WITNESSED BY:
	Jasse J Cylline
	Printed Name Zane Junu - Eddine
	Printed Name Lane Jamas VIVINE
	Date: 5/15/2018
	Date: 0/10/2010
	WITNESSED BY:
	W. Sa
	Kerie
	Printed Name Mohammad Wahidun Rahman
	Date: 05/15/2018

Attorney Docket No. 10336-290W01 OSU Reference No. 2017-103 Application No. PCT/US2018/030S12

Date:_	05/31/2018	By: Jone	Kldone
		ŽANE JAMAL	-EDDINE
	WITNESSED BY:		
	Met gree		
	Printed Name Molymnysd	Wahidon Ra	<u>l</u> man
	Date: <u>(5/1/2)/2018</u>		
	WITNESSED BY:		
	- Klanden Gridgi		•••
	Printed Name CHANDAN	Josshi.	
	Date: 05/31/2018		

Attorney Oocket No. 10336-290WO1 OSU Reference No. 2017-103 Application No. PCT/US2018/030512

Date: 05/02/2018 By FATH ARYOR

WITNESSED BY:

Printed Name Zane Jamal - Edding

Date: 5/02/2018

Printed Name Monormad Wohldup Rohman

Date: 05/02/2018

Attorney Docket No. 10336-290WO1 OSU Reference No. 2017-103 Application No. PCT/U52018/030512

Date:	8/7/18	Que que la companya de la companya della companya d
	1 1	OHIO STATE INNOVATION FOUNDATION
		Name: Dipanjan Na
		Title: Vice Precident