## 506029107 04/23/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6075822

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	ΔΤΑ						
		Name	Name				
YUSHI KANEDA				03/12/2020			
RECEIVING PARTY D	ΔΤΔ						
Name:	ARIZON	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA					
Street Address:	THE UN	THE UNIVERSITY OF ARIZONA, TECH LAUNCH ARIZONA					
Internal Address:	UNIVEF	UNIVERSITY SERVICES ANNEX, 4TH FLOOR, P.O. BOX 210300A					
City:	TUCSO	TUCSON					
State/Country:	ARIZON	ARIZONA					
Postal Code:	85721	85721					
Application Number:		16553039					
Property Type Application Number:		Number 16553039					
COBRESPONDENCE	ΔΤΔΠ						
	DATA						
	be sent to	the e-mail address first; it ; if that is unsuccessful, it					
Fax Number: <i>Correspondence will</i>	be sent to provided	<i>the e-mail address first; in</i> ; <i>if that is unsuccessful, it</i> patentprocurement@perkins	will be sent				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name:	be sent to provided	r <i>if that is unsuccessful, it</i> patentprocurement@perkins PERKINS COIE LLP - SDO	<i>will be sent</i> coie.com				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1:	be sent to provided	r <i>if that is unsuccessful, it</i> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name:	be sent to provided	r <i>if that is unsuccessful, it</i> patentprocurement@perkins PERKINS COIE LLP - SDO	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4:	be sent to provided	r <i>if that is unsuccessful, it</i> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4:	be sent to provided	r <i>if that is unsuccessful, it</i> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247 SEATTLE, WASHINGTON S	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	be sent to provided	<b>if that is unsuccessful, it</b> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247 SEATTLE, WASHINGTON S	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1:	be sent to provided	r <b>if that is unsuccessful, it</b> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247 SEATTLE, WASHINGTON S 044974-8012.US01 JILL COYMAN	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE:	be sent to provided	r <b>if that is unsuccessful, it</b> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247 SEATTLE, WASHINGTON S 044974-8012.US01 JILL COYMAN /JILL COYMAN/	<i>will be sent</i> coie.com GENERAL				
Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	be sent to provided : : : : : : : : : : : :	r <b>if that is unsuccessful, it</b> patentprocurement@perkins PERKINS COIE LLP - SDO PO BOX 1247 SEATTLE, WASHINGTON S 044974-8012.US01 JILL COYMAN /JILL COYMAN/	<i>will be sent</i> coie.com GENERAL				

## **ASSIGNMENT OF PATENT RIGHTS**

## Assignor: <u>Yushi Kaneda, The University of Arizona</u> 1630 E University Blvd, Tucson AZ 85721

Assignee:Arizona Board of Regents on Behalf of the University of Arizona, a body<br/>corporate duly formed in accordance with Title 15 of the Arizona Revised<br/>Statutes, with an address as follows: The University of Arizona, Tech Launch<br/>Arizona, University Services Annex, 4th Floor, P.O. Box 210300A, Tucson, AZ<br/>85721 (physically located at The University of Arizona, Tech Launch<br/>Arizona, 220 West Sixth Street, 4th Floor, Tucson, AZ 85701).

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns, transfers, and conveys unto Assignee, its successors and assigns, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "*Patent Rights*"):

(a) all patent applications and/or patents listed in the table below (the "*Patents*");

<u>UA Ref. No.</u>	Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
UA18-247	16/553,039	US	08/27/2019	LOW COST EXTERNAL CAVITY DIODE LASERS - Yushi Kaneda

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned and directly or indirectly incorporate by reference the Patents;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, including, without limitation, all rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(e) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories and all other rights arising out of such inventions, invention disclosures, and discoveries, and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories, including, for past, current, and future infringement; and

Short Form IP Assignment 02-22-17 145429614.1

PATENT REEL: 052480 FRAME: 0943 (f) all the rights to claim priority provided by the Paris Convention or the Patent Cooperation Treaty.

Assignor confirms that, at the time the invention was made, Assignor was obligated to assign, and did assign, the invention to Assignee. Assignor represents, warrants and covenants that Assignor has the full power and authority, and has obtained all third-party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Assignor has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of <u>Perkins Coie LLP</u>, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

This Assignment of Patent Rights is executed on the date(s) below.

**ASSIGNOR:** 

By:

Date: 2020 3-12-

Printed Name: YUSHI KANEDA

Short Form IP Assignment 02-22-17 145429614.1

**RECORDED: 04/23/2020**