506633484 04/28/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6680293

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN BOWERS	04/05/2020
DAEHWAN JUNG	04/06/2021
JONATHAN KLAMKIN	04/28/2021
SONGTAO LIU	04/06/2021
JUSTIN NORMAN	04/06/2021

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16575820

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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.

Email: jessica.carlson@hrfmlaw.com

Correspondent Name: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 1: 5 COLUMBIA CIRCLE

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	2835.161A
NAME OF SUBMITTER:	GEORGE S. BLASIAK
SIGNATURE:	/George S. Blasiak/
DATE SIGNED:	04/28/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 10 source=H2038415#page1.tif

PATENT REEL: 056064 FRAME: 0956

506633484



Combined Declaration and Assignment for Utility Patent Applications DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

	PHOTONICS STRU	CTURE WITH INTE	GRATED LASER
the application of which is at	tached hereto unless the follo	owing is checked	
was filed on November 2	1, 2018 as United States Pro	ovisional Application Nu	mber <u>62/770,623</u>
and was filed on(if applicable).	as PCT International Ap	plication Number	and was amended on
The above-identified applica	tion was made or authorized	to be made by me.	
I hereby acknowledge that ar	ny willful false statement ma more than 5 years, or both.	ade in this declaration is	punishable under section 1001 of title 18 by
	AS	SIGNMENT	
undersigned inventor(s) (here ASSIGNEE), the undersigned title and interest to the above	einafter ASSIGNOR) by The discount of ASSIGNOR hereby sells, endentified application (e.g., re on said application or any lexamination, inter partes re	e Regents of The University assigns and transfers to A provisional or non-proving pon-provisional, continu	of which is hereby acknowledged by the crisity of California (hereinafter ASSIGNEE the entire and exclusive right, isional) and all Letters Patent of the United Lation, divisional, substitute, reissue, or other procedures thereof for the full
raiceus resysmination cum	lemental examination inter-	nartes review, post grant	application and any continuation, divisional, review, or other procedures thereof and also IGNEE may deem necessary or expedient.
proceeding which may be	declared concerning this ap inter partes review, post grant cooperate with the ASSIGI	plication or any continuant review, or other pro NEE in every way possib	any interference, litigation, or other legal action, divisional, reissue or reexamination, cedures thereof or Letters Patent or reissue ble in obtaining and producing evidence and
application(s) and the inven States and do hereby author procedure is proper and to necessary in connection very amination supplementa	tion(s) disclosed therein for orize said ASSIGNEE to ap- claim the priority right ur with applications for such the camination, interpartes re	the United States of Artiply for patents therefor der the International C patents and any contextiew, post grant review,	and exclusive right, title and interest to the nerica and all countries foreign to the United in its own name in countries where such onvention and agrees to execute all papers tinuation, divisional, substitute, reissue or or other procedures thereof and also execute by deem necessary or expedient.
Hereby executed by the und	ersigned on the date opposit	e the undersigned name:	
Legal Name of inventor ⇔	John BOWERS		Date: 4/5/2020
Inventor's Signature ⇒	Ju-	5	
(H1487021.1)	0	1	

Legal Name of inventor ⇒	Daehwan JUNG	Date:	
Inventor's Signature ⇒			
Legal Name of inventor ⇔	Jonathan KLAMKIN	Date:	
Inventor's Signature ⇒			
Legal Name of inventor ⇒	Songtao LIU	Date:	
Inventor's Signature ⇒			A de Malero
Legal Name of inventor ⇒	Justin NORMAN	Date:	
Inventor's Signature ⇒			

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and was filed on a (if applicable).	s PCT International Application	Number and wa	s amended on
The above-identified application	was made or authorized to be mad	e by me.	
I hereby acknowledge that any wafine or imprisonment of not more	illful false statement made in this than 5 years, or both.	declaration is punishable und	er section 1001 of title 18 by
	ASSIGNM	ENT	
undersigned inventor(s) (hereina ASSIGNEE), the undersigned Astitle and interest to the above-ide States to be obtained therefore or	CONSIDERATION, the adequacy fler ASSIGNOR) by The Regents SSIGNOR hereby sells, assigns an antified application (e.g., provisions as an application or any non-provimination, inter partes review, posternay be granted.	of The University of Califor d transfers to ASSIGNEE the al or non-provisional) and all sional, continuation, divisiona	nia (hereinafter entire and exclusive right, Letters Patent of the United al, substitute, reissue,
reissue, reexamination, supplement	ate all papers necessary in connecental examination, inter partes revi in connection with such application	ew, post grant review, or othe	r procedures thereof and also
proceeding which may be decla supplemental examination, inter- patent issued thereon and to coo	cute all papers necessary in coursed concerning this application of partes review, post grant review perate with the ASSIGNEE in every e, litigation, or other legal proceeds	or any continuation, divisions, or other procedures thereof ery way possible in obtaining	al, reissue or reexamination, or Letters Patent or reissue
application(s) and the inventional States and do hereby authorize procedure is proper and to claim necessary in connection with reexamination, supplemental examination,	and transfers to said ASSIGNED s) disclosed therein for the United said ASSIGNEE to apply for pa m the priority right under the Ir applications for such patents a mination, inter partes review, post on with such applications as the A	I States of America and all contents therefore in its own naternational Convention and and any continuation, divising the process of the proc	ountries foreign to the United ame in countries where such agrees to execute all papers ional, substitute, reissue or lures thereof and also execute
Hereby executed by the undersig	ned on the date opposite the under	rsigned name:	
Legal Name of inventor ⇔ Jo	hn BOWERS	Date:	
Inventor's Signature □			

		Docket No.: 2835.161A
Legal Name of inventor 를 Inventor's Signature 글	Daehwan Jung Daehwan Jung	Date: 4, 6, 202)
Logal Name of inventor ⇒ Inventor's Signature ⇒ Legal Name of inventor ⇒	Jonathan KLAMKIN Songtao LIU	
Inventor's Signature Legal Name of inventor Inventor's Signature Signature Signature Signature Sign	Justin NORMAN	Date:
(presenting)		

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was filed on November 21, 2018 as United States Provisional Application Number 62/770,623
and was filed on as PCT International Application Number and was amended on (if applicable).
The above-identified application was made or authorized to be made by me.
I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.
ASSIGNMENT
FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by The Regents of The University of California (hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any non-provisional, continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.
The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.
The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.
The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.
Hereby executed by the undersigned on the date opposite the undersigned name:
Legal Name of inventor ⇒ John BOWERS Date:
Inventor's Signature

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Legal Name of inventor ⇒	Dachwan JUNG	Date:
Inventor's Signature		
Legal Name of inventor ⇒	Jonathan KLAMKIN	Date: 4/28/2021
Inventor's Signature ⇒	Affi	
Legal Name of inventor ⇒	Songtao LIU	Date:
Inventor's Signature		
Legal Name of inventor ⇒	Justin NORMAN	Date:
Inventor's Signature		

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undersigned inventor(s) (here ASSIGNEE), the undersigned title and interest to the above States to be obtained therefore.	e-identified application (e.g., provision re on said application or any non-pro- examination, inter partes review, po	ts of The University and transfers to ASSI anal or non-provision visional, continuatio	y of California (hereinafter IGNEE the entire and exclusive right, al) and all Letters Patent of the United n, divisional, substitute, reissue,
reissue, reexamination, suppl	lemental examination, inter partes re-	view, post grant revi	cation and any continuation, divisional, ew, or other procedures thereof and also EE may deem necessary or expedient.
proceeding which may be of supplemental examination, it patent issued thereon and to	declared concerning this application inter partes review, post grant revie	or any continuation w, or other proceductory way possible in	interference, litigation, or other legal n, divisional, reissue or reexamination ares thereof or Letters Patent or reissue n obtaining and producing evidence and
application(s) and the invent States and do hereby author procedure is proper and to necessary in connection we reexamination, supplemental	tion(s) disclosed therein for the Unit rize said ASSIGNEE to apply for p claim the priority right under the with applications for such patents	ed States of America patents therefore in International Conve- and any continua ost grant review, or o	exclusive right, title and interest to the a and all countries foreign to the United its own name in countries where such ention and agrees to execute all papers tion, divisional, substitute, reissue of the procedures thereof and also execute em necessary or expedient.
Hereby executed by the under	ersigned on the date opposite the und	lersigned name:	
Legal Name of inventor ⇒	John BOWERS		Date:
Inventor's Signature ⇒			

1

Legal Name of inventor ⇒	Daehwan JUNG	Date:	
Inventor's Signature			
Legal Name of inventor ⇒	Jonathan KLAMKIN	Date:	
Inventor's Signature ⇒	·		
Legal Name of inventor ⇒	Songtao LIU	Date:	2021.04.06 09:50:01 -08'00'
Inventor's Signature	Songtao Liu		
Legal Name of inventor ⇒	Justin NORMAN	Date:	
Inventor's Signature			

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Hereby executed by the undersigned on the date opposite the undersigned name:
Legal Name
Inventor's Signature

1

Legal Name of inventor ⇒	Daehwan JUNG	Date:
Inventor's Signature ⇒		
Legal Name of inventor ⇒	Jonathan KLAMKIN	Date:
Inventor's Signature ⇒		
Legal Name of inventor ⇒	Songtao LIU	Date:
Inventor's Signature ⇒		
Legal Name of inventor ⇒	Justin NORMAN	Date: 4 - 6 - 21
Inventor's Signature ⇔	Aust Me	

{H1487021.1}

RECORDED: 04/28/2021