505813734 12/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5860563

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yun-Chung Na	12/03/2019
Yen-Cheng Lu	12/03/2019
Ming-Jay Yang	12/03/2019
Szu-Lin Cheng	12/03/2019

RECEIVING PARTY DATA

Name:	Artilux, Inc.
Street Address:	101 Jefferson Drive
City:	Menlo Park
State/Country:	CALIFORNIA
Postal Code:	94025

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16709848	

CORRESPONDENCE DATA

Fax Number: (703)997-4517

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: 3027291562

Email: Patent.admin.uspto.cr@naipo.com

Correspondent Name: WINSTON HSU

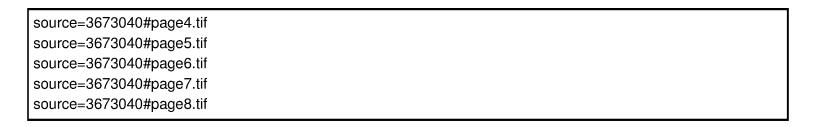
Address Line 1: 5F., NO.389, FUHE RD., YONGHE DIST.,

Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	ATXP0008USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	12/10/2019

Total Attachments: 8 source=3673040#page1.tif source=3673040#page2.tif source=3673040#page3.tif

PATENT 505813734 REEL: 051237 FRAME: 0793



PATENT REEL: 051237 FRAME: 0794

Title of Invention: SEMICONDUCTOR DEVICE

As the below named inventor, I hereby declare that: This declaration is directed to:		
☑ The attached application, or		
☐ United States application number	filed on	, or
☐ PCT international application number	filed on	
The above-identified application was made or authorized	to be made by me.	
I believe that I am the original inventor or an original joint application.	inventor of a claimed invention in the	ne
I hereby acknowledge that any willful false statement maunder18 U.S.C. 1001 by fine or imprisonment of not more	de in this declaration is punishable than five (5) years, or both.	
In consideration of the payment by Artilux, Inc.	having a post	al address of
101 Jefferson Drive, Menlo Park, CA 94025, U.	S.A	
(referred to as "ASSIGNEE"below) to I of the sum of One acknowledged, andfor other good and valuable considerations.		ı is hereby
I hereby sell, assign and transfer to ASSIGNEE and the sthe entire right, title and interest in and to any and all impinvention as above-identified application and, in and to, a invention by the above application or any continuations, constitutes, or extensions thereof, and as to Letters Pater	rovements which are disclosed in that Il Letters Patent to be obtained for s continuation-in-part, divisions, renew	ne said vals,
I hereby covenant that no assignment, sale, agreement of entered into which would conflict with this assignment;	r encumbrance has been or will be	made or
I further covenant that ASSIGNEE will, upon its request, I and documents relating to said invention and said Letters known and accessible to I and will testify as to the same related thereto and will promptly execute and deliver to A	Patent and legal equivalents as main any interference, litigation procee	ay be
representatives any and all papers, instruments or affidate maintain, issue and enforce said application, said invention equivalents thereof which may be necessary or desirable IN WITNESS WHEREOF, I have hereunto set hand and said the said sa	on and said Letters Patent and said to carry out the proposes thereof.	
Note: An application data sheet (PTO/SB/14 or equivalen	it), including naming the entire	

Page 1 of 8

inventive entity, must accompany this form. Use this form for each additional inventor.

Inventor: Yun-Chung Na Date: 12/3/2019
Signature:

LEGAL NAME OF INVENTOR(ASSIGNOR)

Page 2 of 8

F#NPO-P0002E-US1201 DSB0-108U040214

Title of Invention: SEMICONDUCTOR DEVICE

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or	r			
☐ United States application nu	umber	filed o	n	, or
☐ PCT international applicatio	n number	filed	d on	
The above-identified application was	s made or authorized to l	oe made by me.		
I believe that I am the original invent application.	or or an original joint inv	entor of a claimed	l invention in th	ne
l hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	Il false statement made in its in the state of not more that it is a state of not more that it is a state of the state of	n this declaration an five (5) years, o	is punishable or both.	
In consideration of the payment by	Artilux, Inc.		having a posta	al address of
101 Jefferson Drive, Menlo Pa	ark, CA 94025, U.S.A	•		
(referred to as "ASSIGNEE" below) to acknowledged, and for other good an	o I of the sum of One Do nd valuable consideration	llar (\$ 1.00), the r	eceipt of which	is hereby
I hereby sell, assign and transfer to A the entire right, title and interest in an invention as above-identified applica invention by the above application or substitutes, or extensions thereof, ar	nd to any and all improve tion and, in and to, all Le r any continuations, cont	ements which are etters Patent to be inuation-in-part, d	disclosed in the obtained for sivisions, renew	e aid ⁄als.
I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;				
I further covenant that ASSIGNEE w and documents relating to said inven- known and accessible to I and will te related thereto and will promptly execu-	ntion and said Letters Pa estify as to the same in a	tent and legal equ ny interference, lit	ivalents as ma	ıv be
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	olication, said invention a ecessary or desirable to c	nd said Letters Parry out the prope	atent and said	
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), in s form. Use this form for	ncluding naming t each additional ir	he entire	

Page 3 of 8

LEGAL NAI	ME OF INVENTOR(ASSIGNOR)		•
Inventor:	Yen-Cheng Lu	Date:	2019/12/3
Signature:	Yen-Cheng Lu	•	

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NPO#ATX-P0008-USA:0 CUST#AN2019-008-US-001 F#NPO-P0002E-US1201 DSB0-108U040214

Title of Invention: SEMICONDUCTOR DEVICE

As the below named inventor, I hereby declare that: This declaration is directed to:		
☑ The attached application, or		
☐ United States application number	filed on	, or
☐ PCT international application number	filed on	
The above-identified application was made or authorized to	o be made by me.	
I believe that I am the original inventor or an original joint in application.	nventor of a claimed invention in	ı the
I hereby acknowledge that any willful false statement made under18 U.S.C. 1001 by fine or imprisonment of not more		e
In consideration of the payment by Artilux, Inc.	having a po	stal address of
101 Jefferson Drive, Menlo Park, CA 94025, U.S	. A	
(referred to as "ASSIGNEE"below) to I of the sum of One I acknowledged, andfor other good and valuable considerati	Dollar (\$ 1.00), the receipt of whi	ch is hereby
I hereby sell, assign and transfer to ASSIGNEE and the su the entire right, title and interest in and to any and all impro invention as above-identified application and, in and to, all invention by the above application or any continuations, co substitutes, or extensions thereof, and as to Letters Patent	ovements which are disclosed in Letters Patent to be obtained fo ontinuation-in-part, divisions, ren	the r said ewals,
I hereby covenant that no assignment, sale, agreement or entered into which would conflict with this assignment;	encumbrance has been or will b	e made or
I further covenant that ASSIGNEE will, upon its request, be and documents relating to said invention and said Letters F known and accessible to I and will testify as to the same in related thereto and will promptly execute and deliver to AS	Patent and legal equivalents as a any interference, litigation proc	may be
representatives any and all papers, instruments or affidavit maintain, issue and enforce said application, said invention equivalents thereof which may be necessary or desirable to IN WITNESS WHEREOF. I have hereunto set hand and se	n and said Letters Patent and sa o carry out the proposes thereof	id

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for each additional inventor.

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Ming-Jay Yang

Date:

2019/12/3

Signature:

Ming-Jay Yang

Page 6 of 8

F#NPO-P0002E-US1201 DSB0-108U040214

Title of Invention: SEMICONDUCTOR DEVICE

As the below named inventor, I here This declaration is directed to:	eby declare that:			
☑ The attached application, or	r .			
☐ United States application nu	umber	filed or	n	, or
☐ PCT international applicatio	n number	filed	d on	
The above-identified application was	s made or authorized to	be made by me.		
I believe that I am the original invent application.	tor or an original joint in	ventor of a claimed	I invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	Il false statement made isonment of not more t	in this declaration nan five (5) years, o	is punishable or both.	
In consideration of the payment by	Artilux, Inc.		having a postal ad	ddress of
101 Jefferson Drive, Menlo Pa	ark, CA 94025, U.S.	Α		
(referred to as "ASSIGNEE" below) to acknowledged, andfor other good ar			eceipt of which is I	nereby
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, ar	nd to any and all impro ition and, in and to, all l r any continuations, coi	vements which are Letters Patent to be ntinuation-in-part, d	disclosed in the e obtained for said livisions, renewals,	,
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or e h this assignment;	encumbrance has b	een or will be mad	de or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will terelated thereto and will promptly exe	ntion and said Letters F estify as to the same in	atent and legal equancy interference, lit	uivalents as may b tigation proceeding	е
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have her	olication, said invention ecessary or desirable to	and said Letters Pacarry out the prop	atent and said oses thereof.	
Note: An application data sheet (PTC	D/SB/14 or equivalent),	including naming t	he entire	

Page 7 of 8

inventive entity, must accompany this form. Use this form for each additional inventor.

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Szu-Lin Cheng

Date:

te: /2/03/201/

Signature:

NPO#ATX-P0008-USA:0 CUST#AN2019-008-US-001

RECORDED: 12/10/2019

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F#NPO-P0002E-US1201 DSB0-108U040214

PATENT REEL: 051237 FRAME: 0802