506324737 10/27/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6371487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Han-Din Liu	09/16/2020

RECEIVING PARTY DATA

Name:	Artilux, Inc.
Street Address:	101 Jefferson Drive
City:	Menlo Park
State/Country:	UNITED STATES

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17005298

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: 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:	ATXP0046USA4
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	10/27/2020

Total Attachments: 14

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PATENT REEL: 054187 FRAME: 0325

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PATENT REEL: 054187 FRAME: 0326

Title of Invention: PHOTO-DETECTING APPARATUS WITH SUBPIXELS

As the below named inventor, I hereby declaration is directed to:	are that:			
☐ The attached application, or				
☑ United States application number	17/005,298	filed on 08/2	7/2020	, or
☐ PCT international application numb	per	filed on		•
The above-identified application was made	or authorized to be made l	oy me.		*****
I believe that I am the original inventor or an application.	original joint inventor of a	claimed invention	on in the	
I hereby acknowledge that any willful false s under18 U.S.C. 1001 by fine or imprisonmen	statement made in this dec nt of not more than five (5)	laration is punis years, or both.	hable	
In consideration of the payment by Artilu	x, Inc.	having	a postal add	dress of
101 Jefferson Drive, Menlo Park, CA	4 94025, U.S.A			
(referred to as "ASSIGNEE"below) to I of the acknowledged, andfor other good and valua	e sum of One Dollar (\$ 1.0 ble consideration.	0), the receipt o	f which is he	reby
I hereby sell, assign and transfer to ASSIGN the entire right, title and interest in and to an invention as above-identified application and invention by the above application or any co substitutes, or extensions thereof, and as to	y and all improvements w d, in and to, all Letters Pat ntinuations, continuation-i	hich are disclose ent to be obtaine n-part, divisions	ed in the ed for said , renewals.	IEE
I hereby covenant that no assignment, sale, entered into which would conflict with this as	agreement or encumbran ssignment;	ce has been or v	will be made	or
I further covenant that ASSIGNEE will, upon and documents relating to said invention and known and accessible to I and will testify as related thereto and will promptly execute and	d said Letters Patent and I to the same in any interfe	egal equivalents rence, litigation i	s as may be	ots
representatives any and all papers, instrume maintain, issue and enforce said application equivalents thereof which may be necessary IN WITNESS WHEREOF, I have hereunto s	, said invention and said L y or desirable to carry out t	etters Patent an	nd said ereof.	
Note: An application data sheet (PTO/SB/14 inventive entity, must accompany this form.	or equivalent), including	naming the entire	r e	

Page 1 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

LEGAL NA	ME OF INVENTOR(ASSIGN	DR)	
Inventor:	Szu-Lin Cheng	Date:	
Signature:			

Page 2 of 14

Title of Invention: PHOTO-DETECTING APPARATUS WITH SUBPIXELS

As the below named inventor, I hereby declare that: This declaration is directed to:				
☐ The attached application, or				
☑ United States application number	per 17/005,298	filed on <u>08/27/2020</u> , or		
☐ PCT international application n	umber	filed on		
The above-identified application was m	ade or authorized to be ı	made by me.		
I believe that I am the original inventor application.	or an original joint invent	or of a claimed invention in the		
I hereby acknowledge that any willful fa under18 U.S.C. 1001 by fine or impriso	lse statement made in th nment of not more than t	nis declaration is punishable five (5) years, or both.		
In consideration of the payment by	rtilux, Inc.	having a postal address of		
101 Jefferson Drive, Menlo Park	x, CA 94025, U.S.A			
(referred to as "ASSIGNEE"below) to I acknowledged, andfor other good and v	of the sum of One Dollar valuable consideration.	(\$ 1.00), the receipt of which is hereby		
I hereby sell, assign and transfer to ASSIGNEE and the successors and assignees of the ASSIGNEE the entire right, title and interest in and to any and all improvements which are disclosed in the invention as above-identified application and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof.				
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 will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal				
representatives any and all papers, inst maintain, issue and enforce said applic equivalents thereof which may be nece IN WITNESS WHEREOF, I have hereu	ation, said invention and ssary or desirable to can	said Letters Patent and said v out the proposes thereof		
Note: An application data sheet (PTO/S inventive entity, must accompany this for	BB/14 or equivalent), incluorm. Use this form for <u>ea</u>	uding naming the entire ch additional inventor.		

Page 3 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

Inventor:	Chien-Yu Chen	Date:	
Signature:			

Page 4 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

Title of Invention: PHOTO-DETECTING APPARATUS WITH SUBPIXELS

As the below named inventor, I hereby decl This declaration is directed to:	are that:		
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☑ United States application number	17/005,298	_filed on _08/27/2020	, or
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(referred to as "ASSIGNEE"below) to I of the acknowledged, andfor other good and valua	e sum of One Dollar (\$ 1.0 able consideration.	00), the receipt of which is h	ereby
I hereby sell, assign and transfer to ASSIGN the entire right, title and interest in and to an invention as above-identified application and invention by the above application or any co substitutes, or extensions thereof, and as to	ny and all improvements w d, in and to, all Letters Pat entinuations, continuation-i	rhich are disclosed in the ent to be obtained for said in-part, divisions, renewals	
I hereby covenant that no assignment, sale, entered into which would conflict with this as	agreement or encumbran ssignment;	ce has been or will be made	e or
I further covenant that ASSIGNEE will, upor and documents relating to said invention an known and accessible to I and will testify as related thereto and will promptly execute an	d said Letters Patent and to the same in any interfe	legal equivalents as may be rence, litigation proceeding	cts
representatives any and all papers, instrume maintain, issue and enforce said application equivalents thereof which may be necessary IN WITNESS WHEREOF, I have hereunto s	, said invention and said L y or desirable to carry out	etters Patent and said the proposes thereof.	
Note: An application data sheet (PTO/SB/14 inventive entity, must accompany this form.	or equivalent), including Use this form for <u>each ad</u>	naming the entire ditional inventor.	

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NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

LEGAL NA	ME OF INVENTOR(ASSIGNOR)		
Inventor:	Shu-Lu Chen	Date:	
Signature:			

Page 6 of 14

Title of Invention: PHOTO-DETECTING APPARATUS WITH SUBPIXELS

As the below named inventor, I hereby declar	are that			
This declaration is directed to:	are urat.			
☐ The attached application, or				
☑ United States application number	17/005,298	filed on 08/27/2020	, or	
☐ PCT international application numb	per	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 application.	original joint inven	tor of a claimed invention in the		
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I hereby sell, assign and transfer to ASSIGN the entire right, title and interest in and to an invention as above-identified application and invention by the above application or any co substitutes, or extensions thereof, and as to	ny and all improvem d, in and to, all Lette entinuations, continu	ents which are disclosed in the ers Patent to be obtained for said ation-in-part, divisions, renewals,	NEE	
I hereby covenant that no assignment, sale, entered into which would conflict with this as	agreement or encu ssignment;	ımbrance has been or will be made	e or	
I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal				
representatives any and all papers, instrume maintain, issue and enforce said application equivalents thereof which may be necessary IN WITNESS WHEREOF, I have hereunto s	, said invention and y or desirable to car	I said Letters Patent and said ry out the proposes thereof.		
Note: An application data sheet (PTO/SB/14 inventive entity, must accompany this form.				

Page 7 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

LEGAL NA	ME OF INVENTOR(ASSIGNOR)	
Inventor:	Yun-Chung Na	Date:
Signature:		

Page 8 of 14

Title of Invention:

PHOTO-DETECTING APPARATUS WITH SUBPIXELS

As the below named inventor, I hereby declare that: This declaration is directed to:						
☐ The attached application, or						
☑ United States application nun	nber	17/005,298	fil	ed on	08/27/2020	, or
☐ PCT international application	numb	oer		_filed c	on	
The above-identified application was	made	or authorized to be n	made by	me.		
I believe that I am the original invento application.	r or an	original joint invento	or of a cla	aimed ir	vention in the	
I hereby acknowledge that any willful under18 U.S.C. 1001 by fine or impris	false s sonme	tatement made in th nt of not more than fi	nis declar five (5) ye	ation is ears, or	punishable both.	
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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;						
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representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof. IN WITNESS WHEREOF, I have hereunto set hand and seal this on the date(s) indicated.						
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for <u>each additional inventor.</u>						

Page 9 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Ming-Jay Yang	Date:		
Signature:				

Page 10 of 14

Title of Invention: PHOTO-DETECTING APPARATUS WITH SUBPIXELS

As the below named inventor, I hereby decl This declaration is directed to:	are that:			
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NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Han-Din Liu	Date:	9/16/2020	
Signature:	Han-Dind			

Page 12 of 14

Title of Invention: PHOTO-DETECTING APPARATUS WITH SUBPIXELS

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☑ United States application number	17/005,298	filed on <u>08/27/2020</u> , or		
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Page 13 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Che-Fu Liang	Date:		
- Signature:				
oignature.				

Page 14 of 14

NPO#ATX-P0046-USA:4 CUST#AN2019-001-US-201

RECORDED: 10/27/2020

F#NPO-P0002E-US1201 DSB0-109U012620

PATENT REEL: 054187 FRAME: 0340