506157785 07/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6204518

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAIWAN COLOR OPTICS, INC.	05/11/2019

RECEIVING PARTY DATA

Name:	OPTONOMOUS TECHNOLOGIES, INC.	
Street Address:	30330 RAINBOW VIEW COURT	
City:	AGOURA HILLS	
State/Country:	ate/Country: CALIFORNIA	
Postal Code:	91301	

PROPERTY NUMBERS Total: 2

Property Type	Number		
Application Number:	16509196		
PCT Number:	US2019041389		

CORRESPONDENCE DATA

Fax Number: (952)435-0299

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: (952) 435-0200

Email: glemaire@lemairepatent.com

Correspondent Name: LEMAIRE PATENT LAW FIRM, P.L.L.C.

Address Line 1: P.O. BOX 1818

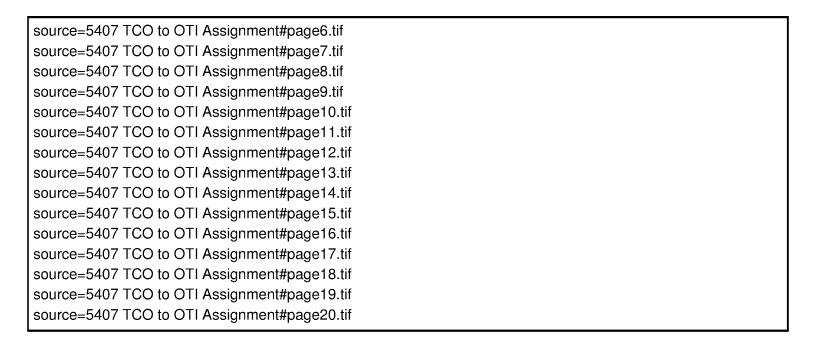
Address Line 4: BURNSVILLE, MINNESOTA 55337

ATTORNEY DOCKET NUMBER:	5407.003US1 .003WO1	
NAME OF SUBMITTER:	GREGORY A. LEMAIRE	
SIGNATURE:	/Gregory A. Lemaire/	
DATE SIGNED:	07/16/2020	

Total Attachments: 20

source=5407 TCO to OTI Assignment#page1.tif source=5407 TCO to OTI Assignment#page2.tif source=5407 TCO to OTI Assignment#page3.tif source=5407 TCO to OTI Assignment#page4.tif source=5407 TCO to OTI Assignment#page5.tif

> PATENT REEL: 053232 FRAME: 0753



PATENT REEL: 053232 FRAME: 0754

IP Assignment Agreement

This agreement made effective as of May 11st, 2019 (the "Effective Date") and entered into by and between Taiwan Color Optics, Inc ("TCO"), a Republic of China corporation, and Optonomous Technologies Inc., a Delaware corporation (the "Company").

In exchange for valuable consideration, the parties have agreed to the terms, conditions and statements set forth herein:

1. The intellectual property described on <u>Exhibit A</u> is the "IP". TCO hereby transfers and assigns to the Company all right, title and interest it has in the IP.

Further, TCO agrees that any derivative works based on, and further development of the IP occurring or created after the Effective Date, shall also be "IP", and that all right, title and interest in such IP is also transferred and assigned to the Company by TCO. Upon request by the Company, TCO shall execute additional documents reasonably requested by the Company to confirm such transfer and assignment of all right, title and interest in the IP currently existing or as may later exist.

- 2. Upon demand, the Company shall pay TCO the sum of \$1. In the event the IP is deemed to have a value greater than \$1, such additional value shall be treated as additional paid in capital to the Company.
- 3. This Agreement may be signed in counterparts.

This Agreement entered into and made effective as of Effective Date by the undersigned parties.

Entity Name: Taiwan Color Optics, Inc Signature: WANG CHIH FENG.

Printed Name: WANG CHIH FENG

Title: C.E.D.

Entity Name: to Optonomous Technologies Inc

Signature: A Connection of Signature: Printed Name: Kenneth Li

Title: CEO

Exhibit A

Intellectual Properties Listed by Provisional Patent Title, USPTO Application Numbers, Filing Dates, and USPTO Confirmation No.

Item	Patent Title	Application No.	Filing Date	USPTO Confirmation No.
1	Laser Excited Crystal Phosphor Light Module	62/763,423	06/14/2018	8083
2	Laser Excited Crystal Phosphor Light Source with Side Excitation	62/764,085	07/18/2018	9152
3	TCO Laser Phosphor and LED Spot Light Projector System	62/764,087	07/18/2018	9512
4	Laser Excited RGB Crystal Phosphor Light Source	62/764,090	07/18/2018	2429
5	MRI Entertainment System	62/765,567	08/31/2018	6366
6	Laser Phosphor Light Source for Intelligent Headlights and Spotlights	62/766,209	10/05/2018	8820



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS FO BOX 1450 Alexandra, Virginia 72313-1450 www.magdo.gov

 APPLICATION NUMBER
 FILING or 371(e) DATE
 GRP ART UNIT
 FIL FEE RECD
 ATTY DOCKET NO
 TOT CLAIMS IND CLAIMS

 62/763,423
 06/14/2018
 280
 TCO-1001

Kenneth Li 303360 Rainbow View Court Agoura Hills, CA 91301 CONFIRMATION NO. 8083
FILING RECEIPT

Date Mailed: 06/26/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection: Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Yung Peng Chang, Hsinchu, TAIWAN; Alan Wang, Taichung, TAIWAN; Kirk Huang, Taichung, TAIWAN; Mark Chang, Taichung, TAIWAN; Lion Hsu, Hsinchu, TAIWAN; Andy Chen, Taichung, TAIWAN; Kenneth Li, Agoura Hills, CA;

Applicant(s)

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Power of Attorney: None

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

page 1 of 3

If Required, Foreign Filing License Granted: 06/25/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/763.423**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No Early Publication Request: No

Title

Laser excited crystal phosphor light module

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

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SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Tradeshark Office Address COMMISSIONER FOR PATENTS FO Box 1459 Alexandra, Vapous 2233-1440 www.capto.gov

 APPLICATION NUMBER
 FILING or NUMBER
 GRP ART UNIT
 FILIFEE REC'D
 ATTY DOCKET NO
 TOT CLAIMS IND CLAIMS

 62/764,085
 07/18/2018
 280
 TCO-1002

Kenneth Li 30330 Rainbow View Court Agoura Hills, CA 91301 CONFIRMATION NO. 9152 FILING RECEIPT

Date Mailed: 07/27/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

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Power of Attorney: None

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

page 1 of 3

PATENT REEL: 053232 FRAME: 0760 If Required, Foreign Filing License Granted: 07/27/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/764,085**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Laser Excited Crystal Phosphor Light Source with Side Excitation

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS Do Alexandra, Vignas 22313-1459 aww. uepto por

APPLICATION FILING or GRP ART 371(c) DATE FIL FEE REC'D TOT CLAIMS INDICLAIMS NUMBER UNIT ATTY DOCKET NO 62/764.087 07/18/2018 280 TCO-1003

Kenneth Li 30330 Rainbow View Court Agoura Hills, CA 91301

CONFIRMATION NO. 9512 FILING RECEIPT

Date Mailed: 07/27/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

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Power of Attorney: None

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

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page 1 of 3

If Required, Foreign Filing License Granted: 07/27/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/764.087**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

TCO laser phosphor and LED spot light projector system

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address CoMMISSIONER FOR PATENTS FOR 1356 Alexandra, Vignus 2213-1456 www.usplo.gov

FILING or GRP ART APPLICATION FIL FEE REC'D ATTY DOCKET NO NUMBER MICO DATE UNIT 62/764.090 07/18/2018 280

TOT CLAIMS IND CLAIMS

Kenneth Li 30330 Rainbow View Court

Agoura Hills, CA 91301

CONFIRMATION NO. 2429

FILING RECEIPT

TCO-1004

THE RESIDENCE OF THE STREET, S

Date Mailed: 07/27/2018

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Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Laser excited RGB crystal phosphor light source

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address CommissionER FOR PATENTS FO BALLIE AND THE PATENTS

Alexandes Suprime 22313-1450

APPLICATION NUMBER

FILING or VIII DATE GRP ART UNIT

FIL FEE REC'D

ATTY DOCKET NO

TOT CLAIMS IND CLAIMS

62/765.567

30330 Rainbow View Court

Agoura Hills, CA 91301

Kenneth Li

08/31/2018

280

TCO-1005

CONFIRMATION NO. 6366 FILING RECEIPT

Date Mailed: 09/27/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filling date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filling Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Yung Peng Chang, Hsinchu, TAIWAN; Pao Chyuan Chen, Hsinchu, TAIWAN,

Kenneth Li, Agoura Hills, CA;

Applicant(s)

Yung Peng Chang, Hsinchu, TAIWAN; Pao Chyuan Chen, Hsinchu, TAIWAN;

Kenneth Li, Agoura Hills, CA;

Power of Attorney: None

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

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If Required, Foreign Filing License Granted: 09/27/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 62/765,567

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No Early Publication Request: No

page 1 of 3

PATENT REEL: 053232 FRAME: 0769 Title

MRI entertainment system

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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UNITED STATES DEPARTMENT OF COMMERCE UNITED TAILS DEPARTMENT OF COMMI United States Patent and Trademark Office Address Commission For PATENTS 10 But 149 Atlanda, Nagaga 21810-110 www.usphr.gov

APPLICATION

FILING or 371(c) DATE GREART

FIL FEE REC'D

ATTY DOCKET NO

TOT CLAIMS IND CLAIMS

62/766,209

30330 Rainbow View Court

Agoura Hills, CA 91301

Kenneth Li

10/05/2018

280

TCO-1006

CONFIRMATION NO. 8820

FILING RECEIPT

Date Mailed: 10/22/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

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Power of Attorney: None

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

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page 1 of 3

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 62/766,209

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Laser Phosphor Lingt Source for Intelligent Headlights and Spotlights

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PATENT REEL: 053232 FRAME: 0774

RECORDED: 07/16/2020