506192044 08/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6238783

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gang Yu	08/04/2020
Chung-Chia Chen	02/13/2020
Wan-Yu Lin	03/06/2020
Hyunsung Bang	04/20/2020
Lisong Xu	03/04/2020
Byung Sung Kwak	02/28/2020
Robert Jan Visser	02/11/2020

RECEIVING PARTY DATA

Name:	APPLIED MATERIALS, INC.
Street Address:	3050 BOWERS AVENUE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16685968

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (650) 839-5070

Email: wamsley@fr.com, apsi@fr.com

Correspondent Name: DAVID J. GOREN

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	05542-1418001
NAME OF SUBMITTER:	JEMMA WAMSLEY
SIGNATURE:	/Jemma Wamsley/
DATE SIGNED:	08/06/2020

Total Attachments: 14 source=ExecutedAssignment1418001#page1.tif source=ExecutedAssignment1418001#page3.tif source=ExecutedAssignment1418001#page4.tif source=ExecutedAssignment1418001#page5.tif source=ExecutedAssignment1418001#page5.tif source=ExecutedAssignment1418001#page6.tif source=ExecutedAssignment1418001#page7.tif source=ExecutedAssignment1418001#page8.tif source=ExecutedAssignment1418001#page9.tif source=ExecutedAssignment1418001#page10.tif source=ExecutedAssignment1418001#page11.tif source=ExecutedAssignment1418001#page12.tif source=ExecutedAssignment1418001#page13.tif source=ExecutedAssignment1418001#page13.tif source=ExecutedAssignment1418001#page14.tif

WHEREAS:

Names and Addresses of Inventors:

Gang Yu	
810 Poinsettia Way	
Santa Barbara, CA 93111	
Chung-Chia Chen	
16F4, No. 683, Zhongzheng Rd.	
Zhonghe Dist., New Taipei City 235	
Taiwan (R.O.C.)	
Wan-Yu Lin	
3F-1, No.3, Lane 608, Bei-An Road	
Taipei City, 104, Taiwan (R.O.C.)	
Hyunsung Bang	\$ 5.
Am Dreispitz 28	
63741 Aschaffenburg	•
Germany	

750 N. King Rd. #101 San Jose, CA 95133
Byung Sung Kwak 9723 NW Henry Ct. Portland, OR 97229
Robert Jan Visser 2320 Eastridge Avenue Menlo Park, CA 94025

(hereinafter referred to as Assignors), have invented a certain invention entitled:

ORGANIC LIGHT-EMTTING DIODE LIGHT EXTRACTION LAYER HAVING GRADED INDEX OF REFRACTION

for which application for Letters Patent in the United States was filed on 11/15/2019, under Serial

No. 16/685,968, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as the Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Date:		
		GANG YU
Date:	الزر ١٤. ١٥. الم	Churchia Chen
Date:		OFFICIAL OFFICIAL
		WAN-YU LIN
Date:		
		HYUNSUNG BANG
Date:		LISONG XU
		Eldolito Xu
Date:		BYUNG SUNG KWAK
Date:		
	***************************************	ROBERT JAN VISSER

WHEREAS:

Am Dreispitz 28 63741 Aschaffenburg

Germany

Names and Addresses of Inventors:

Ga	ang Yu
81	0 Poinsettia Way
Sa	inta Barbara, CA 93111
Ch	nung-Chia Chen
16	F4, No. 683, Zhongzheng Rd.
Zh	onghe Dist., New Taipei City 235
Ta	iwan (R.O.C.)
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Date:		
		WAN-YU LIN
Date:		
		HYUNSUNG BANG
Date:	3/4/2020	15 2 2 W
		LISONG XU
Date:		
		BYUNG SUNG KWAK
Date:		
		ROBERT JAN VISSER

WHEREAS

Germany

County Ave.	
TO NAME OF STREET	
San Jose CA 96133	
	-
Same Sung Kwak	

3723 NW Herry C	
Professo CR 97229	
	-
Report Jan Visser	
A CONTRACTOR OF THE CONTRACTOR	
Establish Avenue	
Terror Park, CA 94025	

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Date	CHUNG-CHIA CHEN
Date >070.03,06	- 12 WANGULIN + 1-5 1/4
Date:	HYUNSUNG BANG
Date:	LISONG XU
late	BYUNG SUNG KWAK
el8	ROBERT JAN VISSER

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:	Lisong Xu	_
	750 N. King Rd. #101	
	San Jose, CA 95133	
	Byung Sung Kwak	×
į	9723 NW Henry Ct.	
Ì	Portland, OR 97229	
	Robert Jan Visser	eş,
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Date:	44/20	
. **	A second	ROBERT JAN VISSER

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Date:	2/28/2020	TONG SUNG KWAK
		BYUNG SUNG KWAK
Date:		
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Am Dreispitz 28 63741 Aschaffenburg

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Names and Addresses of Inventors:

ſ	Gang Yu
	810 Poinsettia Way
L	Santa Barbara, CA 93111
ſ	Chung-Chia Chen
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Date:						
			GANG	i YU	00000000000000000000000000000000000000	•••••
Date:						
		<u>*************************************</u>	CHUNG-CH	IIA CHEN		
Date:						
			WAN-Y	ULIN		
Date:	4/20/2020	April	negra-	Bar	•	
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Date:						
		310000000000000000000000000000000000000	LISON	3 XU		
Date:						
			BYUNG SUI	YĞ KWAK		
Date:						
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Case # 44017298US03/ATG/05542-1418001

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Am Dreispitz 28 63741 Aschaffenburg

Germany

Names and Addresses of Inventors:

Gang Yu
810 Poinsettia Way
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Chung-Chia Chen
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Date:		
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