506692203 06/01/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gang Yu	09/10/2020
Chung-Chia Chen	09/10/2020
Wan-Yu Lin	09/12/2020
Hyunsung Bang	09/11/2020
Lisong Xu	09/10/2020
Byung Sung Kwak	09/24/2020
Robert Jan Visser	09/10/2020

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:	17152692

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

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ATTORNEY DOCKET NUMBER:	05542-1406001
NAME OF SUBMITTER:	JEMMA WAMSLEY
SIGNATURE:	/Jemma Wamsley/
DATE SIGNED:	06/01/2021

506692203 REEL: 056404 FRAME: 0455

Total Attachments: 2

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PATENT REEL: 056404 FRAME: 0456

Case # 44017300US01/ATG/05542-1406P01

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Am Dreispitz 28 63741 Aschaffenburg

Germany

Names and Addresses of Inventors:

Gang Yu
810 Poinsettia Way
Santa Barbara, CA 93111

Chung-Chia Chen
16F.-4, 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

Lisong Xu
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 (OLED) DISPLAY DEVICES WITH MIRROR AND METHOD FOR MAKING THE SAME

for which application for Letters Patent in the United States was filed on 1/22/2020, under Serial

No. 62/964,633, 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.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths,

PATENT REEL: 056404 FRAME: 0457 specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Date:	9/10/2020	Dang Cliff
		GANG YU
Date:	9/10/2020	Chung-Chia Chen
	CHUNG-CHIA CHEN	
Date:	9/12/2020	Wan-Yu Lin
		WAN-YU LIN
Date:	9/11/2020	Hyunsung Bang
	HYUNSUNG BANG	
Date:	9/10/2020	lisong Xu
		LISONG XU
Date:	9/24/2020	Byung Sung kwak
		BYUNG SUNG KWAK
Date:	9/10/2020	Robert Jan Visser
		ROBERT JAN VISSER

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