

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5776656

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KIBEOM KIM	02/27/2018
CHEUK CHI LO	02/27/2018
MICHAEL SLOOTSKY	02/27/2018
KWANG OHK CHEON	02/28/2018
RUI LIU	02/05/2018
CHENG CHEN	02/05/2018
IVAN KNEZ	02/27/2018
CHUN-YAO HUANG	02/27/2018
ENKHAMGALAN DORJGOTOV	02/27/2018
GIOVANNI CARBONE	02/27/2018
GRAHAM B. MYHRE	02/27/2018
JUNGMIN LEE	02/10/2018
CHUN-MING TANG	02/27/2018
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16604491
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	esemo@treylawgroup.com
Correspondent Name:	G. VICTOR TREYZ
Address Line 1:	15279 N. SCOTTSDALE RD.
Address Line 2:	SUITE 250

PATENT

Address Line 4: SCOTTSDALE, ARIZONA 85254	
ATTORNEY DOCKET NUMBER:	P34978US1
NAME OF SUBMITTER:	EMMA SEMO
SIGNATURE:	/Emma Semo/
DATE SIGNED:	10/18/2019
Total Attachments: 10 source=P34978USP1_Assignment#page1.tif source=P34978USP1_Assignment#page2.tif source=P34978USP1_Assignment#page3.tif source=P34978USP1_Assignment#page4.tif source=P34978USP1_Assignment#page5.tif source=P34978USP1_Assignment#page6.tif source=P34978USP1_Assignment#page7.tif source=P34978USP1_Assignment#page8.tif source=P34978USP1_Assignment#page9.tif source=P34978USP1_Assignment#page10.tif	

A S S I G N M E N T

WHEREAS, We, KiBeom Kim, Cheuk Chi Lo, Chun-Ming Tang, Michael Slootsky, Kwang Ohk Cheon, Rui Liu, Cheng Chen, Ivan Knez, Chun-Yao Huang, Enkhamgalan Dorjgotov, Giovanni Carbone, Graham B. Myhre, and Jungmin Lee, residing respectively in Cupertino, California, Belmont, California, San Jose, California, Santa Clara, California, San Jose, California, San Jose, California, San Jose, California, San Jose, California, San Jose, California, Mountain View, California, Palo Alto, California, San Jose, California, and Santa Clara, California, have made an invention entitled:

ORGANIC LIGHT-EMITTING DIODE DISPLAY WITH REDUCED LATERAL
LEAKAGE

for which we have made provisional application for United States Letters Patent on May 17, 2017 as United States Provisional Application No. 62/507,646; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire interest in said invention, said United States provisional patent application and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby

sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States provisional patent application, including any nonprovisional patent applications claiming the benefit thereof and any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said provisional patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

27 / 2 / 2018

Date _____

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KiBeom Kim

Date _____

Cheuk Chi Lo

Date _____

Chun-Ming Tang

Date _____

Michael Slootsky

Date _____

Kwang Ohk Cheon

Date _____

Ruì Lìu

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Date \_\_\_\_\_

Cheng Chen

Date \_\_\_\_\_

Ivan Knez

Date \_\_\_\_\_

Chun-Yao Huang

Date \_\_\_\_\_

Enkhmangalan Dorjgotov

Date \_\_\_\_\_

Giovanni Carbone

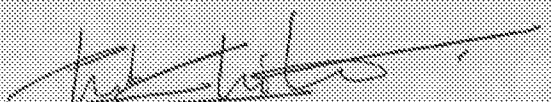
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

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Date

2/27/2018

\_\_\_\_\_  
Date

\_\_\_\_\_  
KiBeom Kim



\_\_\_\_\_  
Cheuk Chi Lo

\_\_\_\_\_  
Date

2/27/2018

\_\_\_\_\_  
Date

\_\_\_\_\_  
Chun-Ming Tang



\_\_\_\_\_  
Chun-Ming Tang

\_\_\_\_\_  
Date

2/27/2018

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael Sliotsky



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Michael Sliotsky

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Date

\_\_\_\_\_  
Kwang Onk Cheon

\_\_\_\_\_  
Date

\_\_\_\_\_  
Rui Liu

\_\_\_\_\_  
Date

2/27/2018

\_\_\_\_\_  
Date

\_\_\_\_\_  
Cheng Chen



\_\_\_\_\_  
Ivan Knez

\_\_\_\_\_  
Date

\_\_\_\_\_  
Chun-Yao Huang

2/27/18

\_\_\_\_\_  
Date

\_\_\_\_\_  
Enkhbayalan Dorjgotov



\_\_\_\_\_  
Enkhbayalan Dorjgotov

\_\_\_\_\_  
Date

2/27/18

\_\_\_\_\_  
Date


\_\_\_\_\_  
Giovanni Carbone




\_\_\_\_\_  
Giovanni Carbone

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IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.


|                                   |                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| _____<br>Date                     | _____<br>KiBeom Kim                                                                                              |
| _____<br>Date                     | _____<br>Cheuk Chi Lo                                                                                            |
| _____<br>Date                     | _____<br>Chun-Ming Tang                                                                                          |
| _____<br>Date                     | _____<br>Michael Slootsky                                                                                        |
| <i>2/28/2018</i><br>_____<br>Date | <br>_____<br>Kwang Ohk Cheon |
| _____<br>Date                     | _____<br>Rui Liu                                                                                                 |
| _____<br>Date                     | _____<br>Cheng Chen                                                                                              |
| _____<br>Date                     | _____<br>Ivan Knez                                                                                               |
| _____<br>Date                     | _____<br>Chun-Yao Huang                                                                                          |
| _____<br>Date                     | _____<br>Enkhamgalan Dorjgotov                                                                                   |
| _____<br>Date                     | _____<br>Giovanni Carbone                                                                                        |

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| _____<br>Date             | _____<br>KiBeom Kim                                                                                      |
| _____<br>Date             | _____<br>Cheuk Chi Lo                                                                                    |
| _____<br>Date             | _____<br>Chun-Ming Tang                                                                                  |
| _____<br>Date             | _____<br>Michael Slootsky                                                                                |
| _____<br>Date             | _____<br>Kwang Ohk Cheon                                                                                 |
| _____<br>2018/2/5<br>Date | _____<br><br>Rui Liu |
| _____<br>Date             | _____<br>Cheng Chen                                                                                      |
| _____<br>Date             | _____<br>Ivan Knez                                                                                       |
| _____<br>Date             | _____<br>Chun-Yao Huang                                                                                  |
| _____<br>Date             | _____<br>Enkhamgalan Dorjgotov                                                                           |
| _____<br>Date             | _____<br>Giovanni Carbone                                                                                |



IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

|                              |                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------|
| _____<br>Date                | _____<br>KiBeom Kim                                                                                         |
| _____<br>Date                | _____<br>Cheuk Chi Lo                                                                                       |
| _____<br>Date                | _____<br>Chun-Ming Tang                                                                                     |
| _____<br>Date                | _____<br>Michael Slootsky                                                                                   |
| _____<br>Date                | _____<br>Kwang Ohk Cheon                                                                                    |
| _____<br>Date                | _____<br>Rui Liu                                                                                            |
| _____<br>Feb 5, 2018<br>Date | _____<br><br>Cheng Chen |
| _____<br>Date                | _____<br>Ivan Knez                                                                                          |
| _____<br>Date                | _____<br>Chun-Yao Huang                                                                                     |
| _____<br>Date                | _____<br>Enkhamgalan Dorjgotov                                                                              |
| _____<br>Date                | _____<br>Giovanni Carbone                                                                                   |

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

|                            |                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
| _____<br>Date              | _____<br>KiBeom Kim                                                                                             |
| _____<br>Date              | _____<br>Cheuk Chi Lo                                                                                           |
| _____<br>Date              | _____<br>Chun-Ming Tang                                                                                         |
| _____<br>Date              | _____<br>Michael Slootsky                                                                                       |
| _____<br>Date              | _____<br>Kwang Ohk Cheon                                                                                        |
| _____<br>Date              | _____<br>Rui Liu                                                                                                |
| _____<br>Date              | _____<br>Cheng Chen                                                                                             |
| _____<br>Date              | _____<br>Ivan Knez                                                                                              |
| _____<br>2/27/2018<br>Date | _____<br><br>Chun-Yao Huang |
| _____<br>Date              | _____<br>Enkhamgalan Dorjgotov                                                                                  |
| _____<br>Date              | _____<br>Giovanni Carbone                                                                                       |

P34978USP1

2/27/2018

Date



Graham B. Myhre

Date

Jungmin Lee

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Date

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Feb 10. 2018

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Date

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Graham B. Myhre



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Jungmin Lee