

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4054343

|                              |   |
|------------------------------|---|
| <b>SUBMISSION TYPE:</b>      | CORRECTIVE ASSIGNMENT   |
| <b>NATURE OF CONVEYANCE:</b> | Corrective Assignment to correct the ASSIGNEE COUNTRY FROM "KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF" TO --KOREA, REPUBLIC OF-- previously recorded on Reel 039706 Frame 0429. Assignor(s) hereby confirms the ASSIGNEE'S ADDRESS COUNTRY IS KOREA, REPUBLIC OF AS LISTED ON THE ORIGINAL ASSIGNMENT. |

## CONVEYING PARTY DATA

| Name          | Execution Date |
|---------------|----------------|
| UNG SOO LEE   | 08/30/2016     |
| HO YOUN KIM   | 08/30/2016     |
| JIN WOO PARK  | 08/30/2016     |
| HYUN CHUL OH  | 08/30/2016     |
| JUN YOUNG LEE | 08/30/2016     |
| HYUN SOO JUNG | 08/07/2016     |
| SU HYUK CHOI  | 08/30/2016     |

## RECEIVING PARTY DATA

|                        |                           |
|------------------------|---------------------------|
| <b>Name:</b>           | SAMSUNG DISPLAY CO., LTD. |
| <b>Street Address:</b> | 1, SAMSUNG-RO, GIHEUNG-GU |
| <b>City:</b>           | YONGIN-SI, GYEONGGI-DO    |
| <b>State/Country:</b>  | KOREA, REPUBLIC OF        |
| <b>Postal Code:</b>    | 17113                     |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15263226 |

## CORRESPONDENCE DATA

Fax Number: (626)577-8800

*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: 626-795-9900

Email: pto@lrrc.com

Correspondent Name: LEWIS ROCA ROTHGERBER CHRISTIE LLP

Address Line 1: P.O. BOX 29001

Address Line 4: GLENDALE, CALIFORNIA 91209-9001

|                                |                        |
|--------------------------------|------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | 123055 JEJ/MMS/CLM     |
| <b>NAME OF SUBMITTER:</b>      | CHRISTINA L. MALINOSKY |

|  |                          |
|--|--------------------------|
| <b>SIGNATURE:</b>  | /Christina L. Malinosky/ |
| <b>DATE SIGNED:</b>  | 09/15/2016               |
| <b>Total Attachments: 7</b><br>source=CorrectiveAssignment#page1.tif<br>source=CorrectiveAssignment#page2.tif<br>source=CorrectiveAssignment#page3.tif<br>source=CorrectiveAssignment#page4.tif<br>source=CorrectiveAssignment#page5.tif<br>source=CorrectiveAssignment#page6.tif<br>source=CorrectiveAssignment#page7.tif |                          |

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4048354

|   |  |
|---|--|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                         |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>   |  |
|   |  |
| <b>Name</b>   | <b>Execution Date</b>                  |
| UNG SOO LEE   | 08/30/2016                             |
| HO YOUN KIM   | 08/30/2016                             |
| JIN WOO PARK  | 08/30/2016                             |
| HYUN CHUL OH  | 08/30/2016                             |
| JUN YOUNG LEE   | 08/30/2016                             |
| HYUN SOO JUNG   | 08/07/2016                             |
| SU HYUK CHOI  | 08/30/2016                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | SAMSUNG DISPLAY CO., LTD.              |
| <b>Street Address:</b>  | 1, SAMSUNG-RO, GIHEUNG-GU              |
| <b>City:</b>  | YONGIN-SI, GYEONGGI-DO                 |
| <b>State/Country:</b>   | KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF |
| <b>Postal Code:</b>   | 17113                                  |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
|   |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| Application Number:   | 15263226                               |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (626)577-8800                          |
| <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> |  |
| <b>Phone:</b>   | 626-795-9900                           |
| <b>Email:</b>   | pto@lrrc.com                           |
| <b>Correspondent Name:</b>  | LEWIS ROCA ROTHGERBER CHRISTIE LLP     |
| <b>Address Line 1:</b>  | P.O. BOX 29001                         |
| <b>Address Line 4:</b>  | GLENDALE, CALIFORNIA 91209-9001        |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 123055 JEJ/MMS/CLM                     |
| <b>NAME OF SUBMITTER:</b>   | CHRISTINA L. MALINOSKY                 |
| <b>SIGNATURE:</b>   | /Christina L. Malinosky/               |
| <b>DATE SIGNED:</b>   | 09/12/2016                             |

INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

PATENT

Title of Invention: DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

Docket No.: 123055

INVENTOR'S DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application unless the following is checked:

United States Application or PCT International Application Number  
\_\_\_\_\_ 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 original joint inventor of a claimed invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Ung Soo LEE, Ho Youn KIM, Jin Woo PARK, Hyun Chul OH, Jun Young LEE, Hyun Soo JUNG, and Su Hyuk CHOI

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG DISPLAY CO., LTD.

having a place of business at

(3) 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

Docket No.: 123055

which application executed on even date  
herewith or was

(a) executed on (5a):

(b) filed on (5b): September 12, 2016

Application No.: 15/263,226

(LEWIS ROCA ROTHGERBER CHRISTIE  
LLP, 29001 Glendale CA 91209-9001) is  
hereby authorized to insert in (b) the specified  
data, when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal and reissue patent applications, execute all rightful other papers, and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

Ung Soo LEE

Legal Name of Inventor

2016. 8. 30

Date

Ung Soo LEE

Signature

Ho Youn KIM

Legal Name of Inventor

2016. 8. 30

Date

Ho Youn KIM

Signature

Jin Woo PARK

Legal Name of Inventor

2016. 8. 30

Date

Jin Woo PARK

Signature

INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

Docket No.: 123055

Hyun Chul OH

Legal Name of Inventor

2016.8.30

Date

Hyun chul OH

Signature

Jun Young LEE

Legal Name of Inventor

2016.8.30

Date

Jun Young LEE

Signature

Hyun Soo JUNG

Legal Name of Inventor

Date

Signature

Su Hyuk CHOI

Legal Name of Inventor

2016.8.30

Date

Su Hyuk Choi

Signature

WITNESSES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SMM PAS1418056 1\*05/5/16 1:11 PM

INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

PATENT

Title of Invention: DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

Docket No.: 123055

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\_\_\_\_\_ filed on \_\_\_\_\_

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HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

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(4) DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

**INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION**

Docket No.: 123055

which application executed on even date  
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(a) executed on (5a):

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Application No.: 15/263,226

(LEWIS ROCA ROTHGERBER CHRISTIE  
LLP, 29001, Glendale, CA 91209-9001) is  
hereby authorized to insert in (b) the specified  
data, when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

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Ung Soo LEE

Legal Name of Inventor

Date

Signature

Ho Youn KIM

Legal Name of Inventor

Date

Signature

Jin Woo PARK

Legal Name of Inventor

Date

Signature



INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

Docket No.: 123055

Hyun Chol OH  
Legal Name of Inventor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature


Jun Young LEE  
Legal Name of Inventor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

Hyun Soo JUNG  
Legal Name of Inventor

2016 2 17  
Date

  
Signature

Su Hyuk CHOI  
Legal Name of Inventor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

WITNESSES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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