

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5826756

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GAK SEOK LEE	07/16/2019
BYUNG-CHUL KIM	07/16/2019
CHANG-SOON JANG	07/16/2019
IN OK KIM	07/16/2019
INSEOK SONG	07/16/2019
KEUNCHAN OH	07/16/2019
JIEUN JANG	07/16/2019
<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, REPUBLIC OF
<b>Postal Code:</b>	17113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16687562
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	626-795-9900
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<b>Correspondent Name:</b>	LEWIS ROCA ROTHGERBER CHRISTIE LLP
<b>Address Line 1:</b>	P.O. BOX 29001
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<b>ATTORNEY DOCKET NUMBER:</b>	173301 JOE/CLM
<b>NAME OF SUBMITTER:</b>	CHRISTINA L. MALINOSKY
<b>SIGNATURE:</b>	/Christina L. Malinosky/
<b>DATE SIGNED:</b>	11/18/2019

**Total Attachments: 3**

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

Docket No.: 173301  
Application No.: TBD

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

PATENT

Title of Invention: DISPLAY DEVICE

Docket No.: 173301  
Application No. TBD

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**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) GAK SEOK LEE, Byung-Chul Kim, Chang-Soon JANG, IN OK KIM, Inseok SONG,  
KEUNCHAN OH, and Jieun JANG

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

(2) SAMSUNG DISPLAY CO., LTD.

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INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

Docket No.: 173301  
Application No.: TBD

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

which application executed on even date herewith or was

(a) executed on (5a): \_\_\_\_\_

(b) filed on (5b): November 18, 2019

Application No.: 16/687,562

(LEWIS ROCA ROTHGERBER CHRISTIE  
LLP, P.O. Box 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.

GAK SEOK LEE

Legal Name of Inventor

Signature

11.7.16  
Date

Byung-Chul Kim

Legal Name of Inventor

Signature

11.7.16  
Date

INVENTOR'S DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION

Docket No.: 173301  
Application No.: TBD

Chang-Soon JANG  
Legal Name of Inventor

19.7.16  
Date

Jang Chang soon  
Signature

IN OK KIM  
Legal Name of Inventor

19.7.16  
Date

KIM In OK  
Signature

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Legal Name of Inventor

19.7.16  
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Song Inseok  
Signature

KEUNCHAN OH  
Legal Name of Inventor

19.7.16  
Date

Keunchan Oh  
Signature

Jieun JANG  
Legal Name of Inventor

19.7.16  
Date

Jang Jieun  
Signature