504672702 12/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4719424

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEON WOO KIM	11/10/2017
JI HYUN KA	11/10/2017
TAE HOON KWON	11/10/2017
HO KYOON KWON	11/10/2017
MIN KU LEE	11/10/2017
ZAIL LHEE	11/10/2017
JIN TAE JEONG	11/10/2017
SEUNG JI CHA	11/10/2017
BYUNG DU AHN	11/20/2017
JEONG HO LEE	11/10/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15832628

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

ATTORNEY DOCKET NUMBER: 140311 JEJ/CLM

PATENT REEL: 044305 FRAME: 0052

504672702

NAME OF SUBMITTER:	CHRISTINA L. MALINOSKY
SIGNATURE:	/Christina L. Malinosky/
DATE SIGNED:	12/05/2017
Total Attachments: 8	
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INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

PATENT

HIDE OF	invention:

DISPLAY DEVICE

Docket No.: Application No.

140311

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 _____

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) Keon Woo KIM, Ji Hyun KA, Tae Hoon KWON, Ho Kyoon KWON, Min Ku LEE, Zail LHEE (aka Za il LHEE), Jin Tae JEONG, Seung Ji CHA, Byung Du AHN, and Jeong Ho LEE

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-qu, 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

1 of 4

법무법인 세종_LO-201611-113-1-US0

234951500850153

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION Docket No.: 140311 Application No.: (4) DISPLAY DEVICE which application was executed on even date herewith or was (LEWIS ROCA ROTHGERBER CHRISTIE (a) executed on (5a): LLP, P.O. Box 29001, Glendale, CA 91209-9001) is hereby authorized to insert in (b) the (b) filed on (5b); December 5, 2017 specified data, when known. Application No.: 15/832,628 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 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.

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设度等有34的设置设备建设银行压制及其中域有401次设置的1的定量均匀和数

Keon Woo KIM Legal Name of Inventor

<u>Ji Hyun KA</u>

Legal Name of Inventor



INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

<u> </u>	FOR PATENT APPLICATION
Docket No.: 140311 Application No.:	
Tae Hoon KWON Legal Name of Inventor	
Jaeton kwon Signature	
Ho Kycon KWON Legal Name of Inventor	Date
Signature Ayean.	
Min Ku LEE Legal Name of Inventor	Jo11.10 Date
Signature Ku/ZE	
Zail LHEE (aka Za II LHEE) Legal Name of Inventor Earl LHEE	Date
Signature	Marina desprimente da como de la
Jin Tae JEONG egal Name of Inventor	2017.11.10 Date
Jin Tae JEWY	

3 of 4 법무법인 세종_LO-201611-113-1-US0

等是全点之种的概念。在建筑是由于中国(1947年)和1960年2月12日中国的1964(1967年)



INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Docket No.: 140311 Application No.:	ATENT APPLICATION
Seung Ji CHA Legal Name of Inventor Seung Ji CHA Signature	>0/1.11.10 Date
Byung Du AHN Legal Name of Inventor	Date
Signature	
Jeong Ho LEE Legal Name of Inventor	<i>→ 017 · 11 · 1 ¹⁰</i>
Jeogn Ho LFE Signature	-
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4 of 4 법무법인 세종_LO-201611-113-1-US0

必要不在經過2025年期繼點10年6月月1月201至1421年2月1月22年2月4日



	INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION	PATEN
Title of Invention:	DISPLAY DEVICE	
Docket No.: Application No.	140311	
	INVENTOR'S DECLARATION	
As a below named	inventor, I hereby declare that:	
This declaration is o	lirected to the attached application unless the following is checked	
United States filed on	Application or PCT Internal	•
	application was made or authorized to be made by me.	
I believe that I am the above-identified app	ne original inventor or an original joint inventor of a claimed inventication.	tion in the
	understand the contents of the above-identified application, incl	
	uty to disclose information which is material to patentability as oblighing for continuation-in-part applications, material information the filing date of the prior application and the national e of the continuation-in-part application.	lefined in on which or PCT
acknowledge that	any willful false statement made in this declaration is punishab ine or imprisonment of not more than five (5) years, or both.	le under
	ASSIGNMENT	
n consideration of icknowledged, the uni	good and valuable consideration, the receipt of which is	hereby
Zail LHEE (aka Z Ho LEE	Ji Hyun KA, Tae Hoon KWON, Ho Kyoon KWON, Min Ku LEE. a II LHEE), Jin Tae JEONG, Seung Ji CHA, Byung Du AHN, and .	
EREBY SELL(S), AS	SIGN(S) AND TRANSFER(S) TO	
 SAMSUNG DISP aving a place of busin 	LAY CO., LTD.	
) 1. Samsung-ro	ess at	
Preinaffor collect use	iheung-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 1 of 4 법무법인 세종_LO-201611-113-1-US0

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION Docket No.: 140311 Application No.: (4) DISPLAY DEVICE which application was executed on even date herewith or was (LEWIS ROCA ROTHGERBER CHRISTIE (a) executed on (5a): LLP, P.O. Box 29001, Glendale, CA 91209-9001) is hereby authorized to insert in (b) the (b) filed on (5b): December 5, 2017 specified data, when known. Application No.: <u>15/832,628</u> 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 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.

Date

Date

2 of 4 법무법인 세종_LO-201611-113-1-US0

Keon Woo KIM Legal Name of Inventor

Signature

Ji Hyun KA

Signature

Legal Name of Inventor

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION Docket No.: 140311 Legal Name of Inventor Date

Legal Name of Inventor Date

Application No.:

Tae Hoon KWON

Ho Kyoon KWON

Signature

Signature

Signature

Signature

Min Ku LEE Legal Name of Inventor

Date

Zail LHEE (aka Za Il LHEE) Legal Name of Inventor Date

Signature

Jin Tae JEONG Legal Name of Inventor Date

3 of 4 법무법인 세종_LO-201611-113-1-US0

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION	
Docket No.: 140311 Application No.:	
Seung Ji CHA	
Legal Name of Inventor	Date
Signature	
yung Du AHN egal Name of Inventor	Date Nov. 20, 2019
gnature	
ong Ho LEE gal Name of Inventor	Date
nature	

4 of 4 법무법인 세종_LO-201611-113-1-US0

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PATENT REEL: 044305 FRAME: 0061

RECORDED: 12/05/2017