504514900 08/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAE-HWAN JANG	08/23/2017
SEUNG WON PARK	08/23/2017
TAE WOO KIM	08/23/2017
JUNG GUN NAM	08/23/2017
DAE YOUNG LEE	08/23/2017
GUG RAE JO	08/23/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15683780

CORRESPONDENCE DATA

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H.C. PARK & ASSOCIATES, PLC **Correspondent Name:** Address Line 1: 1894 PRESTON WHITE DRIVE Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	P7003US00
NAME OF SUBMITTER:	HAE-CHAN PARK
SIGNATURE:	/hae-chan park/
DATE SIGNED:	08/23/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 043644 FRAME: 0629

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Total Attachments: 4

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PATENT REEL: 043644 FRAME: 0630

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

DEVICE INC	ent and deciaration are unitabled WIRI The attached application entitled WIRI LUDING THE SAME, AND METHOD For ley docket number P7003US00 ("Application No. 10-2016-0107075, file	ation"). Which claims prove
Korean Pate	nt Application No. 10-20-19-3	(if applicable);
m	As amended on	
Laud	made or autho	rized to be made by me.
The above-i	dentified Application was made or autho	ioint inventor of a claimed invention

I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application.

I hereby 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.

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

Samsung Display Co., Ltd. 1, Samsung-ro, Giheung-gu Gyeonggi-do Yongin-si Republic of Korea

Samsung Display Co., Ltd. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

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Docket No. <u>P7003US00</u>

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

First Inventor's and Assignor's Name: Address:	Dae-Hwan JANG #301, 70, Doksan-ro 62-gil Geumcheon-gu Seoul Republic of Korea
First Inventor's and Assignor's Signature: Date:	Dae Hwon JANG 2017-08-23
Second Inventor's and Assignor's Name: Address:	Seung Won PARK #301, 55, Baumoe-ro 43-gil Seocho-gu Seoul Republic of Korea
Second Inventor's and Assignor's Signature: Date:	Seung Wan Park 2010-08-23

COUNSELORS #5 LAW	
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Third Inventor's and Assignor's Signature: Date:	Tae Woo KIM 2017-08-23
Fourth Inventor's and Assignor's Name: Address:	Jung Gun NAM 106-1504, 363, Hyowon-ro Yeongtong-gu, Gyeonggi-do Suwon-si Republic of Korea
Fourth Inventor's and Assignor's Signature: Date:	Juny Gun NAM 2019-08-23
Fifth Inventor's and Assignor's Name	Dae Young LEE #102-403, 25, Jongam-ro 9-gil, Seongbuk-gu

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Fifth Inventor's and Assignor's Signature: Dee Young UE 2019 - 6 A - 2 }

Republic of Korea

Address:

Date:



Docket No. P7003US00

Sixth Inventor's and Assignor's Name:

Gug Rae JO

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Sixth Inventor's and Assignor's Signature:

Gua Rae JO

Date:

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RECORDED: 08/23/2017

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