

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6910754

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
YOUNG SOO HWANG	06/01/2021
JOON CHUL GOH	06/01/2021
OH JO KWON	06/01/2021
KI DUK KIM	07/07/2021
JEONG MIN KIM	07/07/2021
BONG HYUN YOU	08/17/2021
HYUNG MIN MIN	07/07/2021
SEUNG HUN CHOI	07/07/2021

## 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
<b>Name:</b>	KOREA UNIVERSITY RESEARCH & BUSINESS FOUNDATION
<b>Street Address:</b>	145, ANAM-RO, SEONGBUK-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17471997

## CORRESPONDENCE DATA

Fax Number: (516)692-8889

*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: 5166928888

Email: mail@chauiplaw.com

Correspondent Name: F. CHAU &amp; ASSOCIATES, LLC

Address Line 1: 130 WOODBURY ROAD

Address Line 4: WOODBURY, NEW YORK 11797

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	8054L-1544 (DY8218US)
<b>NAME OF SUBMITTER:</b>	SAMUEL NTIROS
<b>SIGNATURE:</b>	/SAMUEL NTIROS/
<b>DATE SIGNED:</b>	09/10/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 10**

source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page1.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page2.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page3.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page4.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page5.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page6.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page7.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page8.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page9.tif  
source=8054L-1544\_COMBINED\_DECL\_ASSIGNMENT#page10.tif

**COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND  
ASSIGNMENT FORM<sup>1</sup>**

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title: **DATA DRIVER AND DISPLAY DEVICE INCLUDING THE SAME**

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

**Section I. Declaration**

This declaration is directed to:

- The attached U.S. non-provisional patent application, or
- U.S. non-provisional patent application number \_\_\_\_\_ filed on \_\_\_\_\_, or
- PCT international patent application number \_\_\_\_\_ filed on \_\_\_\_\_

The above-identified application was made or authorized to be made by me (us).

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

I (we) 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.

<sup>1</sup> This form requires the use of an Application Data Sheet.

SDC Ref  
No. \_\_\_\_\_

LO-202002-083-1-US0

Attorney Ref No. \_\_\_\_\_

8054L-1544

SAMSUNG DISPLAY CO., LTD.  
DY8218US

21 세기특허법률사무소

Confidential and Privileged

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

**Section II. Assignment**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

SAMSUNG DISPLAY CO., LTD.

having an address at 1, Samsung-Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Republic of Korea 17113 (hereinafter designated as the Assignee), and

KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION

having an address at 145, Anam-ro, Seongbuk-gu, Seoul, Republic of Korea (hereinafter designated as the Assignee), and the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

SDC Ref  
No. LO-202002-083-1-US0

Attorney Ref No. 8054L-1544

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

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

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of F. Chau & Associates, LLC the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	HWANG	Young Soo	
SIGNATURE <u>Hwang Young Soo</u>		DATE <u>21/06/01</u>	

SDC Ref No. LO-202002-083-1-US0

Attorney Ref No. 8054L-1544

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	GOH	Joon Chul	
SIGNATURE <i>Goh Joonchul</i>		DATE <u>21.6.1</u>	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KWON	Oh Jo	
SIGNATURE <i>Kwon Oh Jo</i>		DATE <u>21.6.1</u>	

LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Ki Duk	
SIGNATURE _____		DATE _____	

SDC Ref No. LO-202002-083-1-US0

Attorney Ref No. 8054L-1544

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Jeong Min	
SIGNATURE _____		DATE _____	

LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	YOU	Bong Hyun	
SIGNATURE _____		DATE _____	

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	LEE	Hyung Min	
SIGNATURE _____		DATE _____	

SDC Ref No. \_\_\_\_\_

LO-202002-083-1-US0

Attorney Ref No. \_\_\_\_\_

8054L-1544

SAMSUNG DISPLAY CO., LTD.  
DY8218US

21세기특허법률사무소

Confidential and Privileged

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	CHOI	Seung Hun	
SIGNATURE _____		DATE _____	

SAMSUNG DISPLAY

SDC Ref  
No. \_\_\_\_\_

LO-202002-083-1-US0

Attorney Ref No.

8054L-1544

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

Page 6 of 6



LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	GOH	Joon Chul	
SIGNATURE _____		DATE _____	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KWON	Oh Jo	
SIGNATURE _____		DATE _____	

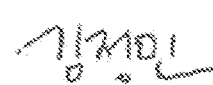
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Ki Duk	
SIGNATURE <u>김기덕</u>		DATE <u>07/07/2021</u>	

SDC Ref No. \_\_\_\_\_

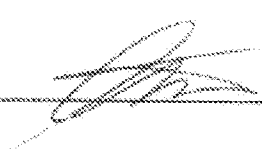
LO-202002-083-1-US0

Attorney Ref No. \_\_\_\_\_

8054L-1544

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Jeong Min	
SIGNATURE  DATE 07.07.2021			

LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	YOU	Bong Hyun	
SIGNATURE _____ DATE _____			

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	LEE	Hyung Min	
SIGNATURE  DATE 7/7/2021			

SDC Ref No. \_\_\_\_\_

LO-202002-083-1-US0

Attorney Ref No. \_\_\_\_\_

8054L-1544

SAMSUNG DISPLAY CO., LTD.  
DY9218US

21세기특허법률사무소

Confidential and Privileged

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	CHOI	Seung Hun	

SIGNATURE 최승훈 DATE 07/07/2021

SDC Ref No. LO-202002-083-1-US0

Attorney Ref No. 8054L-1544

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Jeong Min	
SIGNATURE _____		DATE _____	

LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	YOU	Bong Hyun	
SIGNATURE <i>Bonghyun You.</i>		DATE <i>Aug 17, 2021.</i>	

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	LEE	Hyung Min	
SIGNATURE _____		DATE _____	

SDC Ref No. LC-202002-083-1-US0

Attorney Ref No. 8054L-1544