PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3996086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNG-JAE LEE	07/18/2016
TAE-JIN KIM	07/18/2016
SUNG-YEON CHO	07/18/2016
MYUNG-HO LEE	07/18/2016

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:	15230518

CORRESPONDENCE DATA

Fax Number: (703)207-0003

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.

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Correspondent Name: LEE & MORSE, P.C.

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Address Line 4: FALLS CHURCH, VIRGINIA 22042

	-
ATTORNEY DOCKET NUMBER:	307/1123_00
NAME OF SUBMITTER:	SUSAN S. MORSE
SIGNATURE:	/Susan S. Morse/
DATE SIGNED:	08/08/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 4

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PATENT REEL: 039601 FRAME: 0652

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM $^{\rm I}$

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 GATE	DRIVER AND DISPLAY DEVIC	E INCLUDING THE	SAME
for which Assig patent.	gnor is about to make or has made Un	lited States or Internatio	nal application for
WHEREAS, as	a below named inventor(s), I/(we) he	ereby declare that:	
Section I. Dec	laration		
This declaration following is ma	n is directed to the attached U.S. non- arked:	provisional patent appl	ication, unless the
	U.S. non-provisional patent application of the contraction of the cont	on number	, filed on
	PCT international patent application i	number	, filed on
The above-iden	itified application was made or author	rized to be made by me	(us).
	hat I am (we are) the original invento above-identified application.	r (original joint invento	rs) of a claimed
	cknowledge that any willful false stat . 1001 by fine or imprisonment of no		
	nat I have reviewed and understand th luding the claims.	e contents of the above	identified
This form requir	res the use of an Application Data Sheet.		

FORM Page I of 4 SAMSUNG DISPLAY CO., LTD.

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

<u>Power of Attorney:</u> I/we hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office practitioners associated with Customer Number 27849.

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-si, Gyeonggi-do 17113, Republic of Korea (hereinafter designated as the Assignee), 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 Lof 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 Assignce 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 the reon, 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;

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

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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 Assignce.

The undersigned hereby grant(s) the law firm of LEE & MORSE, PC 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	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LEE	Seung-Jae	
SIGNATURE	Lee Seung-Jac	DATE	2016.7,18
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SDC Ref No.	LO-201504-231-1-US0	Attorney Ref No.	307/1123 00

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND INVENTOR/ASSIGNOR	KIM	Tae-Jin	
	Kim Tae-	$\overline{J_{in}}$ date	2.16.7.18
SIGNATURE /	Sim pose		2010:1.18

THIRD			All of the Section of
INVENTOR/ASSIGNOR	СНО	Sung-Yeon	
signature C	Sho Sung Yeor	L DATE	2016.7.18

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LEE	Myung-Ho	
SIGNATURE	Ce Myry-H	DATE &	2016.7.18_

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RECORDED: 08/08/2016