503227270 03/19/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYU SU AHN	02/16/2015
HEE HWAN LEE	02/16/2015
KYUNG HO KIM	02/16/2015
KEE BUM PARK	02/16/2015

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.
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City:	YONGIN-CITY, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14663277

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PANK03775 US
NAME OF SUBMITTER:	KYU WAN RYU, REG. NO. L0840
SIGNATURE:	/Kyu Wan Ryu/
DATE SIGNED:	03/19/2015

Total Attachments: 4

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PATENT 503227270 REEL: 035211 FRAME: 0089

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PATENT REEL: 035211 FRAME: 0090

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

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: THIN FILM TRANSISTOR DISPLAY PANEL AND LIQUID CRYSTAL DISPLAY

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 0.5. non-provisional patent application, c	A .
	U.S. non-provisional patent application number, or	, filed on
	PCT international patent application number	, filed on
The above-lo	dentified application was made or authorized to be made	by me (us).
	e that I am (we are) the original inventor (original joint inventified application.	rentors) of a claimed invention in
	by acknowledge that any willful false statement made 5.C. 1001 by fine or imprisonment of not more than five (5	
1 This form re	equires the use of an Application Data Sheet.	
	SDC Ref No. LL-201403-028-1-11S0 Attorney Ref No	o. PANK03775 US

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PATENT REEL: 035211 FRAME: 0091 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 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea (hereinafter designated as the Assignee(s)), 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(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) 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(s) 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. LL-201403-028-1-USO

Attorney Ref No. PANK03775 US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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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 Assignae(s) 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(s), 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(s).

The undersigned hereby grant(s) the law firm of Innovation Counsel LLP 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	Full Name		
FIRST INVENTOR/ASSIGNOR		Kyu Su AHN	
SIGNATURE	priva		02/16/2015
		**	

SDC Ref No. <u>LL-201403-028-1-US9</u>

Attorney Ref No. PANK03775 US

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LEGAL NAME OF	Full Name	
INVENTOR/ASSIGNOR	Hee Hwan LEE	
SIGNATURE	2/wmo DATE 2015. 2.16	
LEGAL NAME OF	Full Name	
THIRD INVENTOR/ASSIGNOR	Kyung Ho KIM	
SIGNATURE	14 18 3 DATE 2015 2.16	
LEGAL NAME OF	Full Name	
FOURTH INVENTOR/ASSIGNOR	Kee Bum PARK	
SIGNATURE	Rabon DATE 02/6/2013	

SDC Ref No. <u>LL-201403-028-1-US0</u>

Altorney Ref No. PANK03775 US

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