503786129 04/15/2016

PATENT ASSIGNMENT COVER SHEET

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v1.1 EPAS ID: PAT3832775

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANG-MYOUNG LEE	10/26/2015
SEUNG JUN YU	10/26/2015
O SUNG SEO	10/26/2015
JOONG GUN CHONG	10/26/2015

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:	15018673

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: PANK03938 US	
NAME OF SUBMITTER:	HANBUM CHO, REG. NO. 58,993
SIGNATURE:	/Hanbum Cho/
DATE SIGNED:	04/15/2016

Total Attachments: 4

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PATENT 503786129 REEL: 038295 FRAME: 0148

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PATENT REEL: 038295 FRAME: 0149

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: 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:

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	that I am (we are)		ntor (original joi	int inventors)	of a claime	d inventi	0
	that I am (we are) entified application		ntor (original Joi	int inventors)	of a claime	d inventi	OI
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bove-ide) hereb	entified application	at any willful fals	e statement n	nade in this	declaration		
bove-ide) hereb	entified application y acknowledge tha	at any willful fals	e statement n	nade in this	declaration		
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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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 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-si, Gyeonggi-do, 17113, 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-201401-055-1-US0

Attorney Ref No. PANK03938 US

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PANKOREA

PATENT REEL: 038295 FRAME: 0157 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(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	Sang-Myoung LEE				
SIGNATURE	DATE 2015-10,20				

SDC Ref No. <u>LL-201401-055-1-US0</u>

Attorney Ref No. PANK03938 US

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LEGAL NAME OF SECOND	Full Name
INVENTOR/ASSIGNOR	Seung Jun YU
SIGNATURE	Tun DATE 2015-16.06
LEGAL NAME OF THIRD	Full Name
INVENTOR/ASSIGNOR	O Sung SEO
SIGNATURE	Seo DATE 2015,10.26
LEGAL NAME OF	Full Name
FOURTH	James Pinne
INVENTOR/ASSIGNOR	Joong Gun CHONG
SIGNATURE	DATE 2016-10-26

SDC Ref No. <u>LL-201401-055-1-US0</u>

Attorney Ref No. PANK03938 US

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