PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3151282

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANG-IL KIM	10/08/2014
SEI-YONG PARK	10/08/2014
YONGDOO PARK	10/08/2014
JOONGGUN CHONG	10/08/2014
SUNGHEE HONG	10/08/2014

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.
Street Address:	95, SAMSUNG 2 RO, GIHEUNG-GU
City:	YONGIN-CITY, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14572992

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: sgarbo@cantorcolburn.com **Correspondent Name:** CANTOR COLBURN LLP 20 CHURCH STREET Address Line 1:

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	HAA0369US
NAME OF SUBMITTER:	AMY BIZON-COPP
SIGNATURE:	/Amy Bizon-Copp/
DATE SIGNED:	12/17/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5 source=7BN9620#page1.tif

> **PATENT** REEL: 034660 FRAME: 0581 503104675



PATENT REEL: 034660 FRAME: 0582

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 I	'ANEL	
for which As	signor is about to make or has ma	ide United States or Inte	rnational application
WHEREAS, a	s a below named inventor(s), I/(w	e) hereby declare that:	
Section I. De	claration		
This declarat	ion is directed to:		
Ø	The attached U.S. non-provision	nal patent application, (or .
	U.S. non-provisional patent app on		,filed
	PCT international patent applic	ation number	filed on
I (we) believe invention in I (we) hereby	lentified application was made or e that I am (we are) the original in the above-identified application. vacknowledge that any willful fal nder 18 U.S.C. 1001 by fine or im	iventor (original joint inv se statement made in th	ventors) of a claimed is declaration is
* This form red	juires the use of an Application Data Sh LA-201306-108-1-USO	et. Attorney Ref No.	HAA0369US

SAMSUNG DISPLAY CO., LTD.

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, 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 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;

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-

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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 Cantor Colburn 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	Family Name	First Given Name	Second Given Name
FIRST INVENTOR/ASSIGNOR	KIM	Jang-Il	
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SIGNATURE	1, W 1,	DATE	06/10/mly

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INVENTOR/ASSIGNOR PARK Sei-yong	LEGAL NAME OF	Family Name	First Given Name	Second Given Name
	SECOND INVENTOR/ASSIGNOR	PARK	Sei-yong	
DATE CONTRACTOR OF THE PROPERTY OF THE PROPERT			nate	
	SIGNATURE			06.10.2014

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD INVENTOR/ASSIGNOR	PARK	Yongdoo	
L			
SIGNATURE	144	DATE	c8 /IC+2014

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH	CHONG	Joonggun	
	•		
SIGNATURE	-100c	DATE	08/10/28/4.
SIGNATURE	<u> </u>		88/10/ 2019

SDC Ref No.

LA-201306-108-1-US0

Attorney Ref No. HAA0369US

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name HONG	First Given Name Sunghee	Second Given Name
SIGNATURE	ē n e,	DATE	/0 · 08 · 2014

SDC Ref No. LA-201306-108-1-US0 Attorney Ref No. HAA@69US

RECORDED: 12/17/2014