

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3079412

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JUNG-SOO LEE	08/01/2014
JEONG-MIN PARK	08/01/2014
SUNG-KYUN PARK	08/01/2014
JUN CHUN	08/01/2014
KI-HYUN CHO	08/01/2014
JI-HYUN KIM	08/01/2014
DONG-MIN KIM	08/30/2014
SEUNG-KI KIM	08/30/2014
EUN JEAGAL	08/30/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG DISPLAY CO., LTD.
<b>Street Address:</b>	95, SAMSUNG 2 RO, GIHEUNG-GU
<b>City:</b>	YONGIN-CITY, GYUNGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14522713
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)207-0003
<i>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.</i>	
<b>Phone:</b>	703-207-0008
<b>Email:</b>	eo@lee-iplaw.com
<b>Correspondent Name:</b>	LEE & MORSE, P.C.
<b>Address Line 1:</b>	3141 FAIRVIEW PARK DRIVE
<b>Address Line 2:</b>	SUITE 500
<b>Address Line 4:</b>	FALLS CHURCH, VIRGINIA 22042
<b>ATTORNEY DOCKET NUMBER:</b>	307/1050
<b>NAME OF SUBMITTER:</b>	JOHN M. MAKSYMONKO
<b>SIGNATURE:</b>	/John M. Maksymonko/

PATENT

<b>DATE SIGNED:</b>	10/24/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 12</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif	

SAMSUNG DISPLAY CO., LTD.

**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: **PHOTORESIST COMPOSITION, METHOD OF FORMING A PATTERN  
AND METHOD OF MANUFACTURING A THIN FILM TRANSISTOR  
SUBSTRATE**

---

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, unless the following is marked:

- ☐ 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.

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

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

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SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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**PATENT**  
**REEL: 034025 FRAME: 0634**

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.

**Power of Attorney:** 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 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-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

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SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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**PATENT**  
**REEL: 034025 FRAME: 0635**

SAMSUNG DISPLAY CO., LTD.

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 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 INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	LEE	Jung-Soo	

  

SIGNATURE <u>Lee Jung Soo</u>	DATE <u>2014. 8. 1</u>
-------------------------------	------------------------

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	PARK	Jeong-Min	

  

SIGNATURE <u>Jeong Min Park</u>	DATE <u>2014. 8. 1</u>
---------------------------------	------------------------

SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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PATENT  
REEL: 034025 FRAME: 0636

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LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	PARK	Sung-Kyun	
SIGNATURE <u>Sung Kyun Park</u> DATE <u>2014. 8. 1</u>			

LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	CHUN	Jun	
SIGNATURE <u>Jun Chun</u> DATE <u>2014. 8. 1</u>			

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	CHO	Ki-Hyun	
SIGNATURE <u>Ki Hyun Cho</u> DATE <u>2014. 8. 1</u>			

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LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

Page 4 of 6

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Ji-Hyun	
SIGNATURE <u>Ji-Hyun Kim</u> DATE <u>2014.8.1</u>			

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Dong-Min	
SIGNATURE _____ DATE _____			

LEGAL NAME OF EIGHTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Seung-KI	
SIGNATURE _____ DATE _____			

SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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PATENT  
REEL: 034025 FRAME: 0638

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF NINTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	JEAGAL	Eun	
<div>SIGNATURE _____ DATE _____</div>			

SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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PATENT  
REEL: 034025 FRAME: 0639



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

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

Title: **PHOTORESIST COMPOSITION, METHOD OF FORMING A PATTERN  
AND METHOD OF MANUFACTURING A THIN FILM TRANSISTOR  
SUBSTRATE**

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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:

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- ☐ 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.

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

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

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SDC Ref No.

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Attorney Ref No.

**307/1050**

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

Page 1 of 6

**PATENT  
REEL: 034025 FRAME: 0640**

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

**Power of Attorney:** 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 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-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

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SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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**PATENT**  
**REEL: 034025 FRAME: 0641**

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 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 INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	<b>LEE</b>	<b>Jung-Soo</b>	
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>SIGNATURE _____</div> <div>DATE _____</div> </div>			

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	<b>PARK</b>	<b>Jeong-Min</b>	
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>SIGNATURE _____</div> <div>DATE _____</div> </div>			

SDC Ref No.

**LL-201309-162-1-US0**

Attorney Ref No.

**307/1050**

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

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**PATENT**  
**REEL: 034025 FRAME: 0642**

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LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	<b>PARK</b>	<b>Sung-Kyun</b>	
SIGNATURE _____ DATE _____			

LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	<b>CHUN</b>	<b>Jun</b>	
SIGNATURE _____ DATE _____			

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	<b>CHO</b>	<b>Ki-Hyun</b>	
SIGNATURE _____ DATE _____			

SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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

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PATENT  
REEL: 034025 FRAME: 0643

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Ji-Hyun	
SIGNATURE _____ DATE _____			

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Dong-Min	
SIGNATURE <u>Kim, Dong Min</u> DATE <u>08.30.2014</u>			

LEGAL NAME OF EIGHTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KIM	Seung-KI	
SIGNATURE <u>KIM Seung-KI</u> DATE <u>8.30.2014</u>			

SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND  
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PATENT  
REEL: 034025 FRAME: 0644

LEGAL NAME OF NINTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	JEAGAL	Eun	

  

SIGNATURE JEAGAL - Eun DATE 8/30/2014

SDC Ref No.

LL-201309-162-1-US0

Attorney Ref No.

307/1050

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