PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEOK-HWAN HWANG	05/20/2014
YOUNG-KOOK KIM	05/20/2014
JUN-HA PARK	05/20/2014
HYE-JIN JUNG	05/20/2014
JIN-O LIM	05/20/2014
EUN-YOUNG LEE	05/20/2014
SANG-HYUN HAN	05/20/2014
EUN-JAE JEONG	05/20/2014
SOO-YON KIM	05/20/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14287438

CORRESPONDENCE DATA

(703)207-0003 Fax Number:

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.

703-207-0008 Phone: Email: eoa@lee-iplaw.com **Correspondent Name:** LEE & MORSE, P.C.

Address Line 1: 3141 FAIRVIEW PARK DRIVE

Address Line 2: SUITE 500

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	302/1188
NAME OF SUBMITTER:	JAY P. BEALE
SIGNATURE:	/Jay P. Beale/

PAIENI **REEL: 032965 FRAME: 0475** 502824559

DATE SIGNED:	05/27/2014			
	This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 6				
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PATENT REEL: 032965 FRAME: 0476

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:		TEROCYCLIC COMPOUND AND ORGANIC LIGHT-EMITTING VICE INCLUDING THE SAME	
for wh		ssignor is about to make or has made United States or International application	
tor pai	EIII.		
WHEI	REAS,	, as a below named inventor(s), I/(we) hereby declare that:	
Section	n I. De	Declaration	
		tion is directed to the attached U.S. non-provisional patent application, unless the marked:	ıe
		U.S. non-provisional patent application number, filed on, or	i
		PCT international patent application number, filed or	n.
The ab	ove-ide	dentified application was made or authorized to be made by me (us).	
		the that I am (we are) the original inventor (original joint inventors) of a claimed the above-identified application.	
		y acknowledge that any willful false statement made in this declaration is nder 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or	r
I hereb	y state	e that I have reviewed and understand the contents of the above identified	
applica	ition, in	ncluding the claims.	
^I This f	form requ	quires the use of an Application Data Sheet.	_
SDC R	ef No.	LO-201209-287-8-US0 Attorney Ref No. 302/1188	
CON	MBINEI	ED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND	

ASSIGNMENT FORM

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> PATENT **REEL: 032965 FRAME: 0477**

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 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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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	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	HWANG	Seok-Hwan	
signature H	NANG Sede-Hwan	DATE	May. 20. 2014.

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LEGAL NAME OF SECOND	Family	Name	First Given	Name	Second Given Name
INVENTOR/ASSIGNOR	KII	M	Young-K	ook	
SIGNATURE	KIM	Yomy -	kook	DATE	May 20. 2014.
SIGNATORE				· -	

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	PARK	Jun-Ha	
SIGNATURE _	PARK Jun-Ha	DATE -	May, 20. 2014.

LEGAL NAME OF FOURTH	Family	y Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	JU	NG	Hye-Jin	
SIGNATURE	JUNG	Hye-Jim	DATE	May. 20, 2014.

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PATENT 917741308065010
REEL: 032965 FRAME: 0480

LEGAL NAME OF FIFTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LIM	Jin-O	
SIGNATURE	LIM Jin-O	DATE	Мау 20. 2014.

LEGAL NAME OF SIXTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LEE	Eun-Young	
SIGNATURE 1	LEE Eun-Young	DATE	May. 20. 2014.

LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	HAN	Sang-Hyun	
SIGNATURE _	HAN Song-H	DATE	May 20. 2014.

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SDC Ref No.	LO-201209-287-8-US0	Attorney Ref No.	302/1188	

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PATENT 91774190BNASGIN REEL: 032965 FRAME: 0481

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF EIGHTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	JEONG	Eun-Jae	
SIGNATURE	JEONG Eun-Jae	DATE	May, 20, 2014.

LEGAL NAME OF NINTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Soo-Yon	

SDC Ref No.	LO-201209-287-8-US0	Attorney Ref No.	302/1188	

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