OPAO							
FORM PTO-1595 RECORDATION	11/30/2011						
( NOV 2 3 2011 5 PATE	NTS ONLY						
To the Honorable Commissioner of Patents and Trademarks:							
1. Name of conveying party(les)	2. Name and address of rec	103637070					
1)Hee-Yeon Kim 2) Seung-Gak Yang							
3) Jeoung-In Yi 4) Jae-Yong Lee	SAMSUNG MOBILE DISPLAY CO., LTD.,						
Additional name(s) of conveying party(ies) attached? □ Yes ■No	a corporation chartered in and existing under the laws of						
	the Republic of Korea						
3. Nature of conveyance	San #24 None	gseo-Dong, Giheung-Gu					
Assignment	Yongin-City, Gyunggi-Do						
☐ Security Agreement ☐ Change of Na me ☐ Other	Republic of KOREA						
**************************************	Additional name(s) & addresses attached?   Yes No						
Execution Date: 23 September 2011							
4. Application number(s) or Patent number(s):	War da ana Cara Cal						
If this document is being filed together with a new applica	l .	lication is:					
A. Patent Application No.(s)	B. Patent No.(s)						
13/243,959							
Additional number	r(s) attached? □ Yes ■	l No					
5. Name and address of party to whom correspondence	6. Total Number of application	cations and patents involved: ONE					
concerning document should be mailed:							
Name: Robert E. Bushnell  Attorney at Law	7. Total fee (37 CFR § 3.4	7 CFR § 3.41) \$ <u>U.S. \$40.00</u>					
2029 "K" Street, N.W. Suite 600	■ Enclosed (Check#7845)						
Washington, D.C. 20006-1004	☐ Authorized to be charged to deposit account						
(202) 408-9040	8. Deposit Account Numb	oer:					
	<u> </u>	s page if paying by deposit account)					
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9. Statement and Signature.							
To the best of my knowledge and belief, the foregoing information original document.	nation is true and correct and	d any attached copy is a true copy of the					
ROBERT E. BUSHNELL	Jul hull 9 No	vember 2011					
Name of Person Signing Signate	ıre	Date					
	Total number of	pages including cover sheet: <u>THREE</u>					
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Commissioner of Patents and Trademarks							
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Alexandria, VA 22313-1450							

REB/sv (Attorney's Docket No.: P59564)

## ASSIGNMENT (Page 1 of 2)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:

IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE:

SAMSUNG Mobile Display CO., LTD.,

a corporation chartered in and existing under the laws of the Republic of Korea,

ADDRESS:

Legal & IP Team, San #24, Nongseo-dong, Giheung-gu, Yongin-city,

Gyunggi-do, Republic of Korea

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE:

## CONDENSED-CYCLIC COMPOUND, ORGANIC LIGHTEMITTING DEVICE COMPRISING THE SAME, AND FLAT PANEL DISPLAY APPARATUS

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

	executed on even date herewith, or					
X.	Serial No. 13/243,959	filed in the U.S. Patent & Trademark Office on	23	September	2011	. 01
	executed on					,

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG Mobile Display CO., LTD., my Assignees, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres;

AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

	INVENTOR(s)	Date Signed	Witness
1)	Hee-Yeon KIM (Seal)	23/SEP/2011	
2)	Seung-Gak YANG (Seal)	27/50/2011	

PATENT REEL: 027392 FRAME: 0237

## ASSIGNMENT (Page 2 of 2)

INVENTOR(s)

Date Signed

Witness(es)

3) Jeoung - In Yi (Seal)

Jeoung-In Yi

23/501/2011

4) Jae-Yong Lee (Seal)

22/58/2011

PATENT REEL: 027392 FRAME: 0238

**RECORDED: 11/23/2011**