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To the Honorable Commissioner of Patents and Trademarks

Documents or copy thereof.

1. Name of conveying party(ies):

- 1) Jin-O LIM 2) Seok-Hwan HWANG
3) Young-Kook KIM 4) Hye-Jin JUNG
5) Sang-Hyun HAN 6) Bo-Ra LEE
7) Jong-Hyuk LEE

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: **10 February 2012**

SAMSUNG MOBILE DISPLAY CO., LTD.,
a corporation chartered in and existing under the laws of
the Republic of Korea
San #24 Nongseo-Dong, Giheung-Gu
Yongin-City, Gyunggi-Do
Republic of KOREA
Additional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or Patent number(s):

If this document is being filed together with a new application, the execution of the application is:

A. Patent Application No(s).**13/396,859****B. Patent No(s).**Additional number(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Robert E. Bushnell**
Attorney at Law
2029 "K" Street, N.W. Suite
600
Washington, D.C. 20006-1004
(202) 408-9040

6. Total Number of applications and patents involved: **ONE**7. Total fee (37 CFR § 3.41) \$ **U.S. \$40.00**

- ☒ Enclosed (Check #8266)
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

(Attach duplicate copy of this 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 is true and correct and any attached copy is a true copy of the original document.

ROBERT E. BUSHNELL

Name of Person Signing

Signature

5 March 201203/08/2012 NTIMBERL 00000013 13396059
DateTotal number of pages including cover sheet: **THREE**

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with the required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Alexandria, VA 22313-1450

ASSIGNMENT (Page 1 of 2)

Docket No. **P59606**

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*
San #24 Nongseo-Dong, Gihchung-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: HETEROCYCLIC COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING THE SAME

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
☒ Serial No. 13/396,859 filed in the U.S. Patent & Trademark Office on 15 February 2012, or
☐ 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, 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 Assignee, its successors, assigns or other legal representatives, in 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, 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(es)
1)	<u>Jin-O LIM</u> (Seal) Jin-O LIM	<u>10 February 2012</u>	
2)	<u>Seok-Hwan HWANG</u> (Seal) Saok-Hwan HWANG	<u>10 February 2012</u>	

☒ Additional inventors are being named on separately numbered sheets attached hereto.

ASSIGNMENT (Page 2 of 2)

Docket No. P59606

INVENTOR(s)	Date Signed	Witness(es)
3) <u>Young-Kook KIM</u> (Seal) Young-Kook KIM	<u>10 February 2012</u>	
4) <u>Hye-Jin JUNG</u> (Seal) Hye-Jin JUNG	<u>10 February 2012</u>	
5) <u>Sang-Hyun HAN</u> (Seal) Sang-Hyun HAN	<u>10 February 2012</u>	
6) <u>Bo-Ra LEE</u> (Seal) Bo-Ra LEE	<u>10 February 2012</u>	
7) <u>Jong-Hyuk LEE</u> (Seal) Jong-Hyuk LEE	<u>10 February 2012</u>	