

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dale Stoltzka</td> <td>08/08/2013</td> </tr> <tr> <td>Wei Xiong</td> <td>08/08/2013</td> </tr> <tr> <td>Samsung Display America Lab and Samsung Semiconductor, Inc.</td> <td>08/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dale Stoltzka	08/08/2013	Wei Xiong	08/08/2013	Samsung Display America Lab and Samsung Semiconductor, Inc.	08/09/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Samsung Display Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>95 Samsung</td> </tr> <tr> <td>Internal Address:</td> <td>2 Ro, Giheung-Gu</td> </tr> <tr> <td>City:</td> <td>Yongin-City, Gyeonggi-Do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Samsung Display Co., Ltd.	Street Address:	95 Samsung	Internal Address:	2 Ro, Giheung-Gu	City:	Yongin-City, Gyeonggi-Do	State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13953630</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13953630						
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CORRESPONDENCE DATA											
<p>Fax Number: 6265778800 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 626 795-9900 Email: pto@cph.com,sheila.harner@cph.com Correspondent Name: CHRISTIE, PARKER & HALE, LLP Address Line 1: PO Box 29001 Address Line 4: Glendale, CALIFORNIA 91209</p>											
ATTORNEY DOCKET NUMBER:	72515/S1421										
NAME OF SUBMITTER:	Sheila R. Harter										
Signature:	/Sheila R. Harter/										
Date:	08/18/2013										
<p>Total Attachments: 3 source=72515Assignment#page1.tif source=72515Assignment#page2.tif source=72515Assignment#page3.tif</p>											

OP \$40.00 13953630

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, DALE STOLITZKA AND WEI XIONG, residing at Los Altos, CA and Mountain View, CA, respectively (hereafter, called "ASSIGNOR"), have invented certain new and useful improvements disclosed in U.S. Patent Application No. 13/953,630, filed July 29, 2013 (hereafter, called "Patent Application").

WHEREAS, ASSIGNOR is employed at Samsung Display America Lab (hereafter, together with any successors, legal representatives or assigns thereof, and Samsung Semiconductor, Inc. ("SSI"), called "SDAL"), having a place of business at 217 Devcon Drive, San Jose, California, 95112, at which the invention of said improvements have taken place;

WHEREAS, SDAL may have certain rights in and to said Patent Application and said improvements;

AND WHEREAS, SAMSUNG DISPLAY CO., LTD., having a place of business at 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Republic of Korea (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said Patent Application and said improvements.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to ASSIGNOR and SDAL in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR and SDAL have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said Patent Application and said improvements; all nonprovisional applications addressing said improvements and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof; all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country; all applications for patents (including related rights such as utility model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries. ASSIGNOR and SDAL hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND ASSIGNOR AND SDAL HEREBY covenant that ASSIGNOR and SDAL have full right to convey the entire interest herein assigned, and that ASSIGNOR and SDAL have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNMENT FOR PATENT APPLICATION


Joint

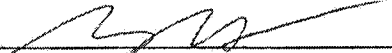
Docket No. 72515/S1421

Application No. 13/953,630

AND ASSIGNOR AND SDAL HEREBY further covenant and agree that ASSIGNOR and SDAL will communicate to ASSIGNEE any facts known to ASSIGNOR and SDAL respecting said improvements, and testify in any legal proceeding, sign all lawful papers, and generally do everything possible to aid ASSIGNEE to obtain and enforce all legal rights available for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 8 day of August, 2013.


Dale Stolitzka


Witness 1 Signature ; Date 08/08/2013

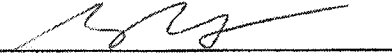
Name (print) Minghui Han

Witness 2 Signature ; Date 08/08/13

Name (print) Munjung Kim

IN TESTIMONY WHEREOF, I hereunto set my hand this 8th day of August, 2013.


Wei Xiong

Witness 1 Signature ; Date 08/08/2013

Name (print) Minghui Han

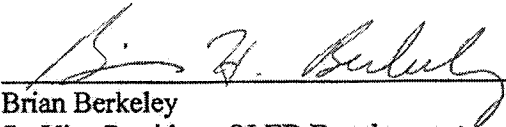
Witness 2 Signature ; Date 08/08/2013

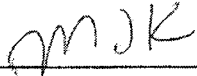
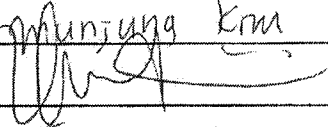
Name (print) Munjung Kim

ASSIGNMENT FOR PATENT APPLICATION
Docket No. 72515/S1421
Application No. 13/953,630

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 9th day of August,
2013.


Brian Berkeley
Sr. Vice President, OLED Development
for SDAL

Witness 1 Signature  ; Date 8/9/13
 Name (print) Munjung Kim
Witness 2 Signature  ; Date 8/9/13
 Name (print) Jiuzhi Xue

RMS/srh

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