

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>Sam-Il Kho</td> <td>06/28/2012</td> </tr> <tr> <td>Mie-Hwa Park</td> <td>06/28/2012</td> </tr> <tr> <td>Hye-In Jeong</td> <td>06/28/2012</td> </tr> <tr> <td>Yoon-Hyun Kwak</td> <td>06/28/2012</td> </tr> <tr> <td>Dae-Yup Shin</td> <td>06/28/2012</td> </tr> <tr> <td>Kwan-Hee Lee</td> <td>06/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sam-Il Kho	06/28/2012	Mie-Hwa Park	06/28/2012	Hye-In Jeong	06/28/2012	Yoon-Hyun Kwak	06/28/2012	Dae-Yup Shin	06/28/2012	Kwan-Hee Lee	06/28/2012
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Kwan-Hee Lee	06/28/2012														
RECEIVING PARTY DATA															
Name:	SAMSUNG MOBILE DISPLAY CO., LTD.														
Street Address:	San #24 Nongseo-dong, Giheung-gu														
City:	Yongin-city, Gyeonggi-do														
State/Country:	REPUBLIC OF KOREA														
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>13543714</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13543714										
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Application Number:	13543714														
CORRESPONDENCE DATA															
Fax Number:	(626)577-8800														
Phone:	626-795-9900														
Email:	pto@cph.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	CHRISTIE, PARKER & HALE, LLP														
Address Line 1:	PO BOX 29001														
Address Line 4:	GLENDALE, CALIFORNIA 91209-9001														
ATTORNEY DOCKET NUMBER:	69133/L550 JEJ/JR														
NAME OF SUBMITTER:	Jun-Young E. Jeon														
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif															

OP \$40.00 13543714

Docket No.: 69133/L550

Return to:
CHRISTIE, PARKER & HALE
Post Office Box 29001
Glendale, CA 91209-9001

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Sam-Il Kho, Mie-Hwa Park, Hye-In Jeong, Yoon-Hyun Kwak, Dae-Yup Shin, and Kwan-Hee Lee

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG MOBILE DISPLAY CO., LTD.

having a place of business at

(3) San #24 Nongseo-dong, Giheung-gu, Yongin-city, Gyeonggi-do, Republic of Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) ORGANIC LIGHT-EMITTING DIODE INCLUDING MULTI-LAYERED HOLE TRANSPORTING LAYER, AND FLAT DISPLAY DEVICE INCLUDING THE ORGANIC LIGHT-EMITTING DIODE

which application executed on even date herewith or was

(a) executed on (5a): _____;

(b) filed on (5b): July 6, 2012;

Application No.: 13/543714;

(CHRISTIE, PARKER & HALE, LLP, P.O. Box 29001, Glendale, CA 91209-9001) is hereby authorized to insert in (b) the specified data, when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

INVENTOR(S)

SIGNATURE

DATE

Sam-Il Kho

X Sam-Il Kho

X 18 June 2012

Docket No.: 69133/L550

<u>Mie-Hwa Park</u>	X	<u>Miehwa Park</u>	X	<u>28 June 2012</u>
<u>Hye-In Jeong</u>	X	<u>HyeIn Jeong</u>	X	<u>28 June 2012</u>
<u>Yoon-Hyun Kwak</u>	X	<u>Yoon-Hyun Kwak</u>	X	<u>28 June 2012</u>
<u>Dae-Yup Shin</u>	X	<u>Dae - Yup Shin</u>	X	<u>28 June 2012</u>
<u>Kwan-Hee Lee</u>	X	<u>Kwan-Hee Lee</u>	X	<u>28 June 2012</u>

WITNESSES:

VDW PAS1156245.1*-02/9/12 2:31 PM