

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>In-Ho Choi</td> <td>04/16/2012</td> </tr> <tr> <td>Bo-Yong Chung</td> <td>04/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	In-Ho Choi	04/16/2012	Bo-Yong Chung	04/16/2012		
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In-Ho Choi	04/16/2012								
Bo-Yong Chung	04/16/2012								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG MOBILE DISPLAY CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>San #24 Nongseo-dong, Giheung-gu</td> </tr> <tr> <td>City:</td> <td>Yongin-city, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	SAMSUNG MOBILE DISPLAY CO., LTD.	Street Address:	San #24 Nongseo-dong, Giheung-gu	City:	Yongin-city, Gyeonggi-do	State/Country:	REPUBLIC OF KOREA
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: (626)577-8800          Phone: 626-795-9900          Email: pto@cph.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: CHRISTIE, PARKER &amp; HALE, LLP          Address Line 1: PO BOX 29001          Address Line 4: GLENDALE, CALIFORNIA 91209-9001</p>									
ATTORNEY DOCKET NUMBER:	68144/S1187/JEJ/FRS								
NAME OF SUBMITTER:	Jun-Young E. Jeon								
Total Attachments: 1 source=68144_Assignment#page1.tif									

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Return to:  
CHRISTIE, PARKER & HALE  
Post Office Box 7068  
Pasadena, CA 91109-7068

### ASSIGNMENT

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

(1) In-Ho Choi and Bo-Yong Chung

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) STAGE CIRCUIT AND SCAN DRIVER USING THE SAME

which application executed on even date herewith or was

(a) executed on (5a): \_\_\_\_\_;

(b) filed on (5b): April 20, 2012;

Application No.: 13/452,789;

(CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068) 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)

In-Ho Choi

#### SIGNATURE

x In-Ho Choi

#### DATE

x April 16, 2012

Bo-Yong Chung

x Bo-Yong Chung

x April 16, 2012

#### WITNESSES:

\_\_\_\_\_  
\_\_\_\_\_

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