

## 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>Jae-geun LIM</td> <td>06/14/2012</td> </tr> <tr> <td>Jun-seok PARK</td> <td>06/14/2012</td> </tr> <tr> <td>Jean HUR</td> <td>06/14/2012</td> </tr> <tr> <td>Sung-je WOO</td> <td>06/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jae-geun LIM	06/14/2012	Jun-seok PARK	06/14/2012	Jean HUR	06/14/2012	Sung-je WOO	06/14/2012
Name	Execution Date										
Jae-geun LIM	06/14/2012										
Jun-seok PARK	06/14/2012										
Jean HUR	06/14/2012										
Sung-je WOO	06/14/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu, Gyeonggi-do</td> </tr> <tr> <td>City:</td> <td>Suwon-si</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	129, Samsung-ro, Yeongtong-gu, Gyeonggi-do	City:	Suwon-si	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-742
Name:	SAMSUNG ELECTRONICS CO., LTD.										
Street Address:	129, Samsung-ro, Yeongtong-gu, Gyeonggi-do										
City:	Suwon-si										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	443-742										
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>13613957</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13613957						
Property Type	Number										
Application Number:	13613957										
CORRESPONDENCE DATA											
<p>Fax Number: 2022937080          Phone: 202-293-7060          Email: USPTO@sughrue.com  <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: SUGHRUE MION, PLLC          Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.          Address Line 2: SUITE 800          Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q128504										
NAME OF SUBMITTER:	Lizbeth M. Chow, secretary										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13613957

## Assignment


Whereas, We, Jae-geun LIM of Suwon-si, Republic of Korea; Jun-seok PARK of Suwon-si, Republic of Korea; Jean HUR of Seongnam-si, Republic of Korea; and Sung-je WOO of Hwaseong-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in PROJECTOR AND DISPLAY APPARATUS HAVING THE SAME and executed an application for Letters Patent of the United States of America therefor on Jun. 14. 2012; and

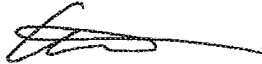
Whereas, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;


Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,


We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number, confirmation number and filing date of said application when known.

Date: Jun. 14. 2012 Jae Geun Lim   
s/Jae-geun LIM

Date: Jun. 14. 2012 Jun Seok PARK   
s/Jun-seok PARK

Date: Jun. 14. 2012 Jean Hur   
s/Jean HUR

Date: JUN 14. 2012 SUNG JE WOO   
s/Sung-je WOO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)