

## PATENT ASSIGNMENT

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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>HEE DONG KIM</td> <td>04/20/2012</td> </tr> <tr> <td>MOO YOUN PARK</td> <td>04/20/2012</td> </tr> <tr> <td>SOO HWAN LEE</td> <td>04/20/2012</td> </tr> <tr> <td>HEE SEOK PARK</td> <td>04/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	HEE DONG KIM	04/20/2012	MOO YOUN PARK	04/20/2012	SOO HWAN LEE	04/20/2012	HEE SEOK PARK	04/20/2012
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HEE DONG KIM	04/20/2012										
MOO YOUN PARK	04/20/2012										
SOO HWAN LEE	04/20/2012										
HEE SEOK PARK	04/20/2012										
RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRONICS CO., LTD.										
Street Address:	416, Maetan-dong, Yeongtong-gu, Suwon-si										
City:	Gyeonggi-do										
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>13475486</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13475486						
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Application Number:	13475486										
CORRESPONDENCE DATA											
Fax Number:	(202)756-8087										
Phone:	202-756-8000										
Email:	mweipdocket@mwe.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:	MCDERMOTT WILL & EMERY LLP										
Address Line 1:	600 13TH STREET, N.W.										
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-3096										
ATTORNEY DOCKET NUMBER:	075820-0145										
NAME OF SUBMITTER:	Hosang Lee 69333 (mjb)										
Total Attachments: 3 source=ASSN_075820-0145#page1.tif source=ASSN_075820-0145#page2.tif source=ASSN_TRN_075820-0145#page1.tif											

CH \$40.00 13475486

Docket No.:

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) KIM, Hee Dong
- (2) PARK, Moo Youn
- (3) LEE, Soo Hwan
- (4) PARK, Hee Seok

who have made a certain new and useful invention, hereby sell, assign and transfer unto

**SAMSUNG ELECTRONICS CO., LTD.**, a Korean Corporation, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**LIGHT EMITTING DEVICE ASSEMBLY AND HEADLAMP INCLUDING THE SAME**

(a) for which an application for United States Letters Patent was filed on [case\_filing\_date], and identified by United States Serial No. [case\_serial\_number]; or

(b) for which an application for United States Letters Patent was executed on ,

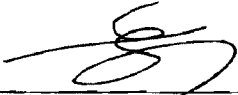


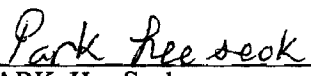
and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1)   
Name: KIM, Hee Dong April 20, 2012
- 2)   
Name: PARK, Moo Youn 4/20/2012
- 3)   
Name: LEE, Soo Hwan 4/20/2012
- 4)   
Name: PARK, Hee Seok April 20, 2012


RECORDATION FORM COVER SHEET

**Docket No.: 075820-0145**

**PATENTS ONLY**

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p><b>1. Name of Conveying Party(ies)</b>  <b>Hee Dong KIM, Moo Youn PARK, Soo Hwan LEE, Hee Seok PARK</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies)</b>                  Name: <b>SAMSUNG ELECTRONICS CO., LTD.</b></p> <p>Internal Address:</p> <p>Address: <b>416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, REPUBLIC OF KOREA</b></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p><b>3. Nature of Conveyance/Execution Date(s)</b></p> <p>Execution Date(s): <b>April 20, 2012</b></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Joint Research Agreement  <input type="checkbox"/> Government Interest Assignment  <input type="checkbox"/> Executive Order 9424, Confirmatory License  <input type="checkbox"/> Other</p>	<p><input checked="" type="checkbox"/> This document is being filed together with a new application.                  B. Patent No(s):</p>
<p><b>4. Application or patent number(s):</b>                  A. Patent Application No(s):</p> <p style="text-align: right;">Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p><b>6. Total number of applications and patents involved:</b></p>
<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: <b>MCDERMOTT WILL &amp; EMERY LLP</b>                  Internal Address:                  Street Address: <b>600 13th Street, N.W.</b>                  City: <b>Washington, State: DC Zip: 20005-3096 D.C.</b>                  Phone Number: <b>202.756.8000</b>                  Fax Number: <b>202.756.8087</b>                  Email Address: <b>mweipdocket@mwe.com</b></p>	<p><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40.00</b></p> <p><input type="checkbox"/> Authorized to be charged by credit card  <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <input type="checkbox"/> Enclosed  <input type="checkbox"/> None required (government interest not affecting title)</p>
<p><b>9. Signature.</b>  <b>Hosang Lee 69,333</b></p>	<p><b>8. Payment Information:</b></p> <p>a. Credit Card Last 4 Numbers _____                  Expiration Date _____                  b. Deposit Account Number <u>500417</u>                  Authorized User Name _____</p>

<p><b>Hosang Lee 69,333</b></p>		<p><b>May 18, 2012</b></p>
Name and Registration No. of Person Signing	Signature	Date
Total number of pages including cover sheet, attachments and documents:		<b>3</b>