

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Samsung Electronics Co., Ltd.	03/30/2010
<b>RECEIVING PARTY DATA</b>	
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<b>Internal Address:</b>	Gyeonggi-do
<b>City:</b>	Suwon-si
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11408101
<b>Application Number:</b>	11473188
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<b>Total Attachments: 2</b> source=ASSIGNMENT_EXECUTED_AS_FILED#page1.tif source=ASSIGNMENT_EXECUTED_AS_FILED#page2.tif	

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**PATENT**  
**REEL: 024205 FRAME: 0828**

## ASSIGNMENT

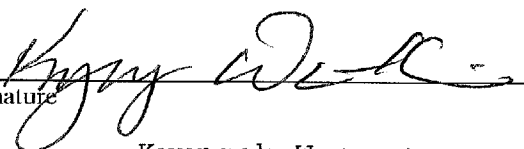
Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter called Assignor, is the assignee of record of the entire right, title and interest in the U.S. Patent Applications listed in Attachment A by assignments recorded at Reel and Frame numbers listed in Attachment A; and

Whereas, SAMSUNG LED CO., LTD, 314, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter called Assignee, desires to acquire the entire right, title, and interest in the U.S. Patent Applications listed in Attachment A and any U.S. patents to be obtained therefor,

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, Assignor's entire right, title and interest in the U.S. Patent Applications listed in Attachment A, the inventions disclosed therein, including all divisions and continuations thereof, and to any and all U.S. patents, which may be granted thereon; and Assignor will execute without further consideration all papers deemed necessary by the Assignee in connection with the U.S. Patent Applications listed in Attachment A when called upon to do so by the Assignee.

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

March 30, 2010  
Date

  
Signature

Kyungok Wun-Kim

Typed or printed name

Vice president  
Title

SAMSUNG ELECTRONICS CO., LTD.  
Assignor Name

**ASSIGNMENT ATTACHMENT A**  
**List of U.S. Patent Applications**

<b>U.S. Patent Application No.</b>	<b>Filing Date</b>	<b>Reel</b>	<b>Frame</b>
<b>11/408,101</b>	<b>April 21, 2006</b>	<b>017832</b>	<b>0066</b>
<b>11/473,188</b>	<b>June 23, 2006</b>	<b>018029</b>	<b>0523</b>