

## PATENT ASSIGNMENT COVER SHEET

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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>
HYUNGSEOK BANG	05/25/2016
SEUNGMAN RYU	05/25/2016
JOOBONG HYUN	05/25/2016
FRIEDRICH-KARL BRUDER	05/09/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15184349
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<b>NAME OF SUBMITTER:</b>	ROBERT J. GOODELL

<b>SIGNATURE:</b>	/Robert J Goodell/
<b>DATE SIGNED:</b>	06/16/2016
<b>Total Attachments: 2</b> source=065543-5461_Assignment_06162016#page1.tif source=065543-5461_Assignment_06162016#page2.tif	

# ASSIGNMENT

WHEREAS WE, the below named inventors, (hereinafter referred to as "Assignors"), have made an invention entitled:

## VIEWING ANGLE SWITCHABLE BACK LIGHT UNIT

for which WE filed an application for United States Letters Patent on \_\_\_\_\_, (Application No \_\_\_\_\_); and

WHEREAS LG Display Co., Ltd. whose post office address is 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea and Covestro Deutschland AG whose post office address is Kaiser-Wilhelm-Allee 60, 51373 Leverkusen, Germany (hereinafter referred to as "Assignees"), are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignees is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignees, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignees, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignees, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	Hyungseok BANG
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Signature	<i>Ryu Seung man</i>

Morgan, Lewis & Bockius LLP

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Date	5.25.2016
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Signature	<i>Hyun Joobong</i>
Date	5.25.2016
Full Name of fourth Assignor	Friedrich-Karl BRUDER
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Signature	<i>Friedrich K. Bruder</i>
Date	9th of May 2016