

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
KYUNG-MO SON	09/10/2013
JAE-KYUN LEE	09/14/2013
SUNG-CHOL YI	09/09/2013
TAEK-JUN JUNG	09/09/2013
SUN-JU KU	09/30/2013
SOON-HWAN HONG	09/09/2013
SANG-SU JANG	09/09/2013
JUN-YOUNG JEONG	09/09/2013
EUN-HYE LEE	09/09/2013
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	14080809
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Date:	11/15/2013
<b>Total Attachments: 6</b> source=053785-5471_Assignment_11142013#page1.tif source=053785-5471_Assignment_11142013#page2.tif source=053785-5471_Assignment_11142013#page3.tif source=053785-5471_Assignment_11142013#page4.tif source=053785-5471_Assignment_11142013#page5.tif source=053785-5471_Assignment_11142013#page6.tif	

# ASSIGNMENT

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

## ARRAY SUBSTRATE AND LIQUID CRYSTAL DISPLAY DEVICE INCLUDING THE SAME

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 (hereinafter referred to as "Assignee"), is 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 Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, 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 Assignee, 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 Assignee, 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 Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, 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 Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	Kyung-Mo SON
Address	708-905, Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, 413-774, Republic of Korea
Signature	
Date	
Full Name of second Assignor	Jae-Kyun LEE
Address	1506-1302, Kunyoung Apt., Hugok Maeul 15Danji, Ilsan 3-dong, Ilsan-gu, Goyang-si, Gyeonggi-do, 411-736, Republic of Korea
Signature	Jae-Kyun LEE
Date	2013. 10. 29

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Full Name of third Assignor	<b>Sung-Chol YI</b>
Address	216-402, Wicity Ilsan Xi 2Danji, Siksa-dong, Ilsan-gu, Goyang-si, Gyeonggi-do, 411-821, Republic of Korea
Signature	
Date	
Full Name of fourth Assignor	<b>Taek-Jun JUNG</b>
Address	1101-1002, Eunvit Maeul 11Danji Apt., Hwajeong 1-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, 412-753, Republic of Korea
Signature	
Date	
Full Name of fifth Assignor	<b>Sun-Ju KU</b>
Address	1204-601, Jinhung Hyoja Apt., Chaekhyangki Maeul, Dongpae-ri, Gyoha-eup, Paju-si, Gyeonggi-do, 413-833, Republic of Korea
Signature	<i>Sun-Ju KU</i>
Date	<i>2013 09.30</i>
Full Name of sixth Assignor	<b>Soon-Hwan HONG</b>
Address	243-59, Galhyeon-dong, Eunpyeong-gu, Seoul, 122-050, Republic of Korea
Signature	
Date	
Full Name of seventh Assignor	<b>Sang-Su JANG</b>
Address	Ga-201, Boseong Villa, 1705-5Beonji, Beopheung-ri, Tanhyeon-myeon, Paju-si, Gyeonggi-do, 413-841, Republic of Korea
Signature	
Date	
Full Name of eighth Assignor	<b>Jun-Young JEONG</b>
Address	605-1001, Jayeon an Ggumegreen Apt., Dangdong-ri, Munsan-eup, Paju-si, Gyeonggi-do, 413-902, Republic of Korea
Signature	
Date	

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Full Name of ninth Assignor	<b>Eun-Hye LEE</b>
Address	101-203, Amsa e-Pyeonhansesang, 422-26, Amsa 4-dong, Gangdong-gu, Seoul, 134-050, Republic of Korea
Signature	
Date	

ASSIGNMENT

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

ARRAY SUBSTRATE AND LIQUID CRYSTAL DISPLAY DEVICE INCLUDING THE SAME

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 (hereinafter referred to as "Assignee"), is 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 Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, 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 Assignee, 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 Assignee, 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 Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, 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 Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	Kyung-Mo SON
Address	708-905, Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, 413-774, Republic of Korea
Signature	<i>Kyung-Mo Son</i>
Date	2013 9. 10
Full Name of second Assignor	Jae-Kyun LEE
Address	1506-1302, Kunyoung Apt., Hugok Maeul 15Danji, Ilsan 3-dong, Ilsan-gu, Gyeonggi-do, 411-736, Republic of Korea
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Address	216-402, Wicity Ilsan Xi 2Danji, Siksa-dong, Ilsan-gu, Goyang-si, Gyeonggi-do, 411-821, Republic of Korea
Signature	Sung Chol Yi
Date	2013. 9. 9
Full Name of fourth Assignor	Taek-Jun JUNG
Address	1101-1002, Eunvit Maeul 11Danji Apt., Hwajeong 1-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, 412-753, Republic of Korea
Signature	Taek-jun Jung
Date	2013 9 9
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Signature	
Date	
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Address	243-59, Galhyeon-dong, Eunpyeong-gu, Seoul, 122-050, Republic of Korea
Signature	Soon Hwan Hong
Date	13. 09. 09
Full Name of seventh Assignor	Sang-Su JANG
Address	Ga-201, Boseong Villa, 1705-5Beonji, Beopheung-ri, Tanhyeon-myeon, Paju-si, Gyeonggi-do, 413-841, Republic of Korea
Signature	Sang - Su Jang
Date	2013. 09. 09
Full Name of eighth Assignor	Jun-Young JEONG
Address	605-1001, Jayeon an Ggumegreen Apt., Dangdong-ri, Munsan-eup, Paju-si, Gyeonggi-do, 413-902, Republic of Korea
Signature	Jun - Young JEONG
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Signature	Eun-Hye LEE
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