

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>Sung-Chul KIM</td><td>10/31/2011</td></tr><tr><td>Chang-Su KYEONG</td><td>10/12/2011</td></tr><tr><td>Dae-Jin MYOUNG</td><td>10/13/2011</td></tr><tr><td>Dae-Kyu YI</td><td>10/07/2011</td></tr><tr><td>Sung-Ho KIM</td><td>11/01/2011</td></tr><tr><td>Seung-Rok SHIN</td><td>09/30/2011</td></tr></tbody></table>		Name	Execution Date	Sung-Chul KIM	10/31/2011	Chang-Su KYEONG	10/12/2011	Dae-Jin MYOUNG	10/13/2011	Dae-Kyu YI	10/07/2011	Sung-Ho KIM	11/01/2011	Seung-Rok SHIN	09/30/2011
Name	Execution Date														
Sung-Chul KIM	10/31/2011														
Chang-Su KYEONG	10/12/2011														
Dae-Jin MYOUNG	10/13/2011														
Dae-Kyu YI	10/07/2011														
Sung-Ho KIM	11/01/2011														
Seung-Rok SHIN	09/30/2011														
RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>LG Display Co., Ltd.</td></tr><tr><td>Street Address:</td><td>20, Yoido-dong, Youngdungpo-gu</td></tr><tr><td>City:</td><td>Seoul</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr></table>		Name:	LG Display Co., Ltd.	Street Address:	20, Yoido-dong, Youngdungpo-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA						
Name:	LG Display Co., Ltd.														
Street Address:	20, Yoido-dong, Youngdungpo-gu														
City:	Seoul														
State/Country:	REPUBLIC OF KOREA														
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>13226887</td></tr></tbody></table>		Property Type	Number	Application Number:	13226887										
Property Type	Number														
Application Number:	13226887														
CORRESPONDENCE DATA															
Fax Number: (202)739-3001															
Phone: 2027393000															
Email: patents@morganlewis.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: Collin W. Park															
Address Line 1: 1111 Pennsylvania Avenue NW															
Address Line 4: Washington, DISTRICT OF COLUMBIA 20004															
ATTORNEY DOCKET NUMBER:	041501-5980														
NAME OF SUBMITTER:	Robert J. Goodell														

501714183

PATENT
REEL: 027178 FRAME: 0067

CH \$40.00 13226887

Total Attachments: 12

source=041501-5980-Assignment#page1.tif
source=041501-5980-Assignment#page2.tif
source=041501-5980-Assignment#page3.tif
source=041501-5980-Assignment#page4.tif
source=041501-5980-Assignment#page5.tif
source=041501-5980-Assignment#page6.tif
source=041501-5980-Assignment#page7.tif
source=041501-5980-Assignment#page8.tif
source=041501-5980-Assignment#page9.tif
source=041501-5980-Assignment#page10.tif
source=041501-5980-Assignment#page11.tif
source=041501-5980-Assignment#page12.tif

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY DEVICE HAVING TOUCH SENSOR AND METHOD FOR DRIVING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on September 7, 2011, (Application No. 13/226,887); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/226/887, filed September 7, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Sung-Chul KIM	Assignor's Signature <i>Sungchul Kim</i>	Date 2011. 10. 31
104/603 Doosan Apt., Sconyu-ri, Munsan-eup, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Second Assignor Chang-Su KYEONG	Assignor's Signature	Date
103/701 Gongjak Hanyang Apt., Eunnae-dong, Buk-gu, Daegu, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 41501-5980
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Dae-Jin MYOUNG	Assignor's Signature	Date
706/1503 Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fourth Assignor Dae-Kyu YI	Assignor's Signature	Date
507/505 Humansia Apt., Soha-dong, Gwangmyeong-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fifth Assignor Sung-Ho KIM	Assignor's Signature	Date
603/203 Mokryeon Doosan Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Sixth Assignor Seung-Rok SHIN	Assignor's Signature	Date
522/301 Eunvit Maeul 5 Danji Apt., Hwajeong-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY DEVICE HAVING TOUCH SENSOR AND METHOD FOR DRIVING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on September 7, 2011, (Application No. 13/226,887); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/226/887, filed September 7, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Sung-Chul KIM	Assignor's Signature	Date
104/603 Doosan Apt., Seonyu-ri, Munsan-eup, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Second Assignor Chang-Su KYEONG	Assignor's Signature <i>Kyeong (Chang-su Kyeong)</i>	Date 2011/10/12
103/701 Gongjak Hanyang Apt., Eumnae-dong, Buk-gu, Daegu, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 41501-5980
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Dae-Jin MYOUNG	Assignor's Signature	Date
706/1503 Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fourth Assignor Dae-Kyu YI	Assignor's Signature	Date
507/505 Humansia Apt., Soha-dong, Gwangmyeong-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fifth Assignor Sung-Ho KIM	Assignor's Signature	Date
603/203 Mokryeon Doosan Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Sixth Assignor Seung-Rok SHIN	Assignor's Signature	Date
522/301 Eunvit Maeul 5 Danji Apt., Hwajeong-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY DEVICE HAVING TOUCH SENSOR AND METHOD FOR DRIVING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on September 7, 2011, (Application No. 13/226,887); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/226/887, filed September 7, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Sung-Chul KIM	Assignor's Signature	Date
104/603 Doosan Apt., Sconyu-ri, Munsan-eup, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Second Assignor Chang-Su KYEONG	Assignor's Signature	Date
103/701 Gongjak Hanyang Apt., Eumnae-dong, Buk-gu, Daegu, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 41501-5980
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Dae-Jin MYOUNG	Assignor's Signature <i>Dae-Jin Myoung</i>	Date 8/13/2011
706/1503 Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fourth Assignor Dae-Kyu YI	Assignor's Signature	Date
507/505 Humansia Apt., Soha-dong, Gwangmyeong-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fifth Assignor Sung-Ho KIM	Assignor's Signature	Date
603/203 Mokryeon Doosan Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Sixth Assignor Seung-Rok SHIN	Assignor's Signature	Date
522/301 Eunvit Maeul 5 Danji Apt., Hwajeong-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY DEVICE HAVING TOUCH SENSOR AND METHOD FOR DRIVING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on September 7, 2011, (Application No. 13/226,887); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/226/887, filed September 7, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Sung-Chul KIM	Assignor's Signature	Date
104/603 Doosan Apt., Seonyu-ri, Munsan-eup, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Second Assignor Chang-Su KYEONG	Assignor's Signature	Date
103/701 Gongjak Hanyang Apt., Eumnae-dong, Buk-gu, Daegu, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 41501-5980
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Dae-Jin MYOUNG	Assignor's Signature	Date
706/1503 Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fourth Assignor Dae-Kyu YI	Assignor's Signature <i>01 M 2, Dae-Kyu Yi</i>	Date <i>2011.10.7</i>
507/505 Humansia Apt., Soha-dong, Gwangmyeong-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fifth Assignor Sung-Ho KIM	Assignor's Signature	Date
603/203 Mokryeon Doosan Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Sixth Assignor Seung-Rok SHIN	Assignor's Signature	Date
522/301 Eunvit Maeul 5 Danji Apt., Hwajeong-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY DEVICE HAVING TOUCH SENSOR AND METHOD FOR DRIVING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on September 7, 2011, (Application No. 13/226,887); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;


AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/226/887, filed September 7, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Sung-Chul KIM	Assignor's Signature	Date
104/603 Doosan Apt., Seonyu-ri, Munsan-eup, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Second Assignor Chang-Su KYEONG	Assignor's Signature	Date
103/701 Gongjak Hanyang Apt., Eumnae-dong, Buk-gu, Daegu, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 41501-5980
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Dae-Jin MYOUNG	Assignor's Signature	Date
706/1503 Seowon Macul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fourth Assignor Dae-Kyu YI	Assignor's Signature	Date
507/505 Humansia Apt., Soha-dong, Gwangmyeong-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fifth Assignor Sung-Ho KIM	Assignor's Signature	Date
603/203 Mokryeon Doosan Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Sixth Assignor Seung-Rok SHIN	Assignor's Signature Seung-Rok Shin 	Date 30/SEP./2011
522/301 Eunvit Macul 5 Danji Apt., Hwajeong-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY DEVICE HAVING TOUCH SENSOR AND METHOD FOR DRIVING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on September 7, 2011, (Application No. 13/226,887); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/226/887, filed September 7, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor Sung-Chul KIM	Assignor's Signature	Date
104/603 Doosan Apt., Seonyu-ri, Munsan-eup, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Second Assignor Chang-Su KYEONG	Assignor's Signature	Date
103/701 Gongjak Hanyang Apt., Eumnae-dong, Buk-gu, Daegu, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.: 41501-5980
SOLE/JOINT INVENTION
(U.S. Rights Only)
(Continued)

Full Name of Third Assignor Dae-Jin MYOUNG	Assignor's Signature	Date
706/1503 Seowon Maeul Apt., Geumchon-dong, Paju-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fourth Assignor Dae-Kyu YI	Assignor's Signature	Date
507/505 Humansia Apt., Soha-dong, Gwangmyeong-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Fifth Assignor Sung-Ho KIM	Assignor's Signature <i>7/6/11</i>	Date <i>2011.11.1</i>
603/203 Mokryeon Doosan Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Sixth Assignor Seung-Rok SHIN	Assignor's Signature	Date
522/301 Eunvit Maeul 5 Danji Apt., Hwajeong-dong, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea		Citizenship Korea
Full Name of Seventh Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		