

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Soon Sung YOO</td> <td>08/30/2001</td> </tr> <tr> <td>Dong Yeung KWAK</td> <td>08/30/2001</td> </tr> <tr> <td>Hu Sung KIM</td> <td>08/30/2001</td> </tr> <tr> <td>Yong Wan KIM</td> <td>08/29/2001</td> </tr> <tr> <td>Dug Jin PARK</td> <td>08/30/2001</td> </tr> <tr> <td>Yu Ho JUNG</td> <td>08/30/2001</td> </tr> <tr> <td>Woo Chae LEE</td> <td>09/05/2001</td> </tr> </tbody> </table>		Name	Execution Date	Soon Sung YOO	08/30/2001	Dong Yeung KWAK	08/30/2001	Hu Sung KIM	08/30/2001	Yong Wan KIM	08/29/2001	Dug Jin PARK	08/30/2001	Yu Ho JUNG	08/30/2001	Woo Chae LEE	09/05/2001
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Yu Ho JUNG	08/30/2001																
Woo Chae LEE	09/05/2001																
<b>RECEIVING PARTY DATA</b>																	
Name:	LG.PHILIPS LCD CO., LTD.																
Street Address:	20 Yoido-dong, Youngdungpo-ku																
City:	Seoul																
State/Country:	REPUBLIC OF KOREA																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12783169</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12783169												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	(202)496-7756																
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ATTORNEY DOCKET NUMBER:	8734.008.D2																

**CH \$40.00 12783169**

**501181103**

**PATENT  
 REEL: 024410 FRAME: 0073**

NAME OF SUBMITTER:

Eric J. Nuss

**Total Attachments: 9**

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**ASSIGNMENT**

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

**PAD STRUCTUURE FOR LIQUID CRYSTAL DISPLAY AND METHOD OF MANUFACTURING THEREOF**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on June 29, 2001, (Serial No. 09/894,874); and

WHEREAS, LG.Philips LCD 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 be 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 parentheses (Application No. 09/894,874, filed June 29, 2001) 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 SOLE OR FIRST INVENTOR	Soon Sung YOO	
RESIDENCE & CITIZENSHIP	Kyoungsangbuk-do Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Shinsekye Apt., 401 Hyonggok-dong, Kumi-shi, Kyoungsangbuk-do, Korea	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE

Names of additional inventors attached  Yes  No

Morgan, Lewis & Bockius LLP

FULL NAME OF SECOND INVENTOR	Dong Yeung KWAK	
RESIDENCE & CITIZENSHIP	Daegu-shi Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Green Mansion 103-1108, Songhyun 2-dong, Talso-gu, Daegu-shi, Korea	
SECOND INVENTOR'S SIGNATURE		DATE
FULL NAME OF THIRD INVENTOR	Hu Sung KIM	
RESIDENCE & CITIZENSHIP	Seoul Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	5/5, 55-105, Sangwolgok-dong, Sungbuk-gu, Seoul, Korea	
THIRD INVENTOR'S SIGNATURE		DATE
FULL NAME OF SOLE OR FIRST INVENTOR	Yong Wan KIM	
RESIDENCE & CITIZENSHIP	Kyongsangbuk-do Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Dongrakwon B-504, 401-3, Imsoo-dong, Kumi-shi, Kyongsangbuk-do, Korea	
FOURTH INVENTOR'S SIGNATURE	<i>Kim Yong Wan</i>	DATE <i>29. Aug. 2001</i>
FULL NAME OF SECOND INVENTOR	Dug Jin PARK	
RESIDENCE & CITIZENSHIP	Daegu-shi Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Hanra Apt., 104-601, Taejon-dong, Puk-gu, Daegu-shi, Korea	
FIFTH INVENTOR'S SIGNATURE		DATE

Names of additional inventors attached  Yes  No

Morgan, Lewis & Bockius LLP

FULL NAME OF THIRD INVENTOR	Yu Ho JUNG	
RESIDENCE & CITIZENSHIP	Kyongsangbuk-do Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Dongrakwon B-308, 401-3, Imsoo-dong, Kumi-shi, Kyongsangbuk-do, Korea	
SIXTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF SOLE OR FIRST INVENTOR	Woo Chae LEE	
RESIDENCE & CITIZENSHIP	Seoul Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Olympic Player Village Apt., 240-501, Pangi-dong, Songpa-gu, Seoul, Korea	
SEVENTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF SECOND INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
EIGHTH INVENTOR'S SIGNATURE		DATE

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

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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.

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RESIDENCE & CITIZENSHIP	Kyoungsangbuk-do Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Shinsekye Apt., 401 Hyonggok-dong, Kumi-shi, Kyoungsangbuk-do, Korea	
FIRST OR SOLE INVENTOR'S SIGNATURE	<i>Soon Sung YOO</i>	DATE <i>Aug. 30. 2001</i>

Names of additional inventors attached [ ] Yes [X] No

FULL NAME OF SECOND INVENTOR	Dong Yeung KWAK	
RESIDENCE & CITIZENSHIP	Daegu-shi Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Green Mansion 103-1108, Songhyun 2-dong, Talso-gu, Daegu-shi, Korea	
SECOND INVENTOR'S SIGNATURE	<i>Dong Yeung Kwak</i>	DATE <i>Aug. 30. 2001</i>
FULL NAME OF THIRD INVENTOR	Hu Sung KIM	
RESIDENCE & CITIZENSHIP	Seoul Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	5/5, 55-105, Sangwolgok-dong, Sungbuk-gu, Seoul, Korea	
THIRD INVENTOR'S SIGNATURE	<i>Hu Sung Kim</i>	DATE <i>Aug. 30. 2001</i>
FULL NAME OF SOLE OR FIRST INVENTOR	Yong Wan KIM	
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POST OFFICE ADDRESS	Hanra Apt., 104-601, Taejon-dong, Puk-gu, Daegu-shi, Korea	
FIFTH INVENTOR'S SIGNATURE	<i>Dug Jin Park</i>	DATE <i>Aug 30. 2001</i>

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POST OFFICE ADDRESS	Dongrakwon B-308, 401-3, Imsoo-dong, Kumi-shi, Kyongsangbuk-do, Korea	
SIXTH INVENTOR'S SIGNATURE	<i>Yu Ho Jung</i>	DATE Aug 30, 2001
FULL NAME OF SOLE OR FIRST INVENTOR	Woo Chae LEE	
RESIDENCE & CITIZENSHIP	Seoul Korea	COUNTRY OF CITIZENSHIP Republic of Korea
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SEVENTH INVENTOR'S SIGNATURE	<i>Woochae Lee</i>	DATE Sep/05/2001
FULL NAME OF SECOND INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
EIGHTH INVENTOR'S SIGNATURE		DATE

Names of additional inventors attached  Yes  No

Morgan, Lewis & Bockius LLP

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RECORDED: 05/19/2010

PATENT  
REEL: 024410 FRAME: 0083