

09-11-2003

FORM PTO-1595  
(Rev. 6-93)102547386  
PATENTSDEPARTMENT OF COMMERCE  
Patent and Trademark Office  
IEET

Attorney Docket No.: 053785-5143

To the Commissioner for Patents  
Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

1. Name of conveying party(ies):

Woong-Kwon KIM  
Se-June KIM  
Jong-Hwae LEE

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: LG.Philips LCD Co., Ltd.

Internal Address: 20 Yoido-dong, Youngdungpo-gu, Seoul,  
Korea

Street Address:

City:

State:

Zip:

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: August 25, 2003

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No4. New Application number(s) or patent number(s): **NEW APPLICATION**

If this document is being filed together with a new application the execution date of the application is:

August 25, 2003

A. Patent Application No.(s)

B. Patent No.(s)

10653908

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Name: Robert J. Gaybrick

Internal Address: Morgan, Lewis & Bockius LLP  
Customer No. 09629Street Address: 1111 Pennsylvania Ave., N.W.  
City: Washington State: D.C. Zip: 200046. Total number of applications and patents involved: 17. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-03108. Deposit Account No. 50-0310  
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document.

Robert J. Goodell, Reg. No. 41,040

Name of Person Signing

Signature

September 4, 2003

Date

Total number of pages including cover sheet, attachments and documents: 203970 U.S. PTO  
10/653908  
09/04/03

09/11/2003 6T0N11 00000069 500310 10653908

01 FC:8021

40.00 DA

1-WA/2046498.1

PATENT  
REEL: 014466 FRAME: 0475

ASSIGNMENT

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

**LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD 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 \_\_\_\_\_, (Serial No. \_\_\_\_\_); 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. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.  
September 4, 2003

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

Full Name of Sole or First Assignor Woong-Kwon KIM	Assignor's Signature <i>Woong-Kwon Kim</i>	Date <i>Aug. 25, 2003</i>
Address: 640-1204, Sejong APT., 1145, Sanbon-dong, Gunpo-si, Gyeonggi-do, 435-040, Republic of Korea		Citizenship Republic of Korea
Full Name of Second Assignor Se-June KIM	Assignor's Signature <i>Se-June Kim</i>	Date <i>Aug. 25, 2003</i>
Address: 32-15, Dongbinggo-dong, Yongsan-gu, Seoul, 140-811, Republic of Korea		Citizenship Republic of Korea
Full Name of Third Assignor Jong-Hwa LEE	Assignor's Signature <i>Jong-Hwa Lee</i>	Date <i>Aug. 25, 2003</i>
Address: 103-ho, 277-11, Nonhyun2-dong, Kangnam-gu, Seoul, 135-833, Republic of Korea		Citizenship Republic of Korea
Full Name of Fourth Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Morgan, Lewis & Bockius LLP

1-WA/2012697.1