

01-08-2007



Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

# 103358086

## PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

### 1. Name of conveying party(ies):

- 1) Soon Sung YOO      2) Dong Yeung KWAK  
3) Yu Ho JUNG        4) Yong-Wan KIM  
5) Woo-Chae LEE     6) Dug Jin PARK  
7) Hoo Sung KIM

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

### 3. Nature of Conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 11/15/01, 11/21/01 and 11/27/06

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

Name: LG.PHILIPS LCD CO., LTD.

Internal Address: \_\_\_\_\_

Street Address:  
20 Yoido-dong  
Youngdungpo-ku

City: Seoul

Country: Korea

Zip: \_\_\_\_\_

Additional name(s) & address(es) attached:

☐ Yes ☒ No

### 4. Application number(s) or patent number(s):

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

Execution Date of Dec.:  
11/15/01, 11/21/01  
and 11/27/06

A. Patent Application No.(s): ; filed

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Song K. Jung  
MCKENNA LONG & ALDRIDGE LLP

Internal Address: Atty. Dkt.: 8733.453.10

Street Address:

1900 K STREET, N.W.

City:  
WASHINGTON

State: DC Zip: 20006

### 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

☐ Authorized to be charged to credit card  
(Form 2038 enclosed)

### 8. Deposit account number:

50-0911

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

### 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.

Song K. Jung; Reg. No. 35,210  
Name of Person Signing

*[Signature]*  
Signature

December 28, 2006  
Date

Total number of pages including cover sheet, attachments, and documents: 5

12/29/2006 EAREGAY1 00000096 11646531

04 FC:8021

40.00 00

DC:50452496.1

PATENT  
REEL: 018750 FRAME: 0675

## Assignment of Application

WHEREAS, I (WE) Soon Sung YOO, Dong Yeung KWAK, Yu Ho JUNG,  
Yong Wan KIM, Woo Chae LEE, Dug Jin PARK and Hoo Sung KIM

\_\_\_\_\_ , respectively,  
have invented certain new and useful improvements in:

# LIQUID CRYSTAL DISPLAY DEVICE AND ITS FABRICATING METHOD

for which an application for Letters Patent was executed on

(Application No. 09/893,970 , Filed **June 29, 2001** ), and

**WHEREAS, LG.Philips LCD Co., Ltd.**

(hereinafter referred to as "ASSIGNEE") having a place of business at:  
20 Yoido-dong, Youngdungpo-ku, Seoul, KOREA

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters

Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6<sup>th</sup> Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Nov. 15, 2001. Soon Sung YOO  
 (Signature of Inventor)  
 Soon Sung YOO

Date: \_\_\_\_\_  
 (Signature of Inventor)  
 Dong Yeung KWAK

Date: Nov. 15, 2001 Yu Ho Jung  
 (Signature of Inventor)  
 Yu Ho JUNG

Date: Nov. 21, 2001 Kim Yong Wan  
 (Signature of Inventor)  
 Yong Wan KIM

Date: \_\_\_\_\_  
 (Signature of Inventor)  
 Woo Chae LEE

Date: Nov. 15, 2001 Dug Jin Park  
 (Signature of Inventor)  
 Dug Jin PARK

Date: Nov. 15, 2001 Hoo Sung Kim  
 (Signature of Inventor)  
 Hoo Sung KIM

**Long Aldridge & Norman LLP**  
 Attorneys At Law  
 6<sup>th</sup> Floor, 701 Pennsylvania Avenue, N.W.  
 Washington, D.C. 20004

Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6<sup>th</sup> Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Jun. 27. 2001.

Soon Sung YOO

(Signature of Inventor)  
Soon Sung YOO

Date: Jun. 27. 2001

Dong Yeung KWAK

(Signature of Inventor)  
Dong Yeung KWAK

Date: Jun. 27. 2001

Yu Ho JUNG

(Signature of Inventor)  
Yu Ho JUNG

Date: \_\_\_\_\_

(Signature of Inventor)  
Yong Wan KIM

Date: \_\_\_\_\_

(Signature of Inventor)  
Woo Chae LEE

Date: Jun. 27. 2001

Dug Jin Park

(Signature of Inventor)  
Dug Jin PARK

Date: Jun. 27. 2001

Hoo Sung Kim

(Signature of Inventor)  
Hoo Sung KIM

Long Aldridge & Norman LLP  
Attorneys At Law  
6<sup>th</sup> Floor, 701 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004

Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6<sup>th</sup> Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: \_\_\_\_\_  
(Signature of Inventor)  
Soon Sung YOO

Date: \_\_\_\_\_  
(Signature of Inventor)  
Dong Yeung KWAK

Date: \_\_\_\_\_  
(Signature of Inventor)  
Yu Ho JUNG

Date: \_\_\_\_\_  
(Signature of Inventor)  
Yong Wan KIM

Date: Nov / 13 / 2001 Woo Chae Lee  
(Signature of Inventor)  
Woo Chae LEE

Date: \_\_\_\_\_  
(Signature of Inventor)  
Dug Jin PARK

Date: \_\_\_\_\_  
(Signature of Inventor)  
Hoo Sung KIM

Long Aldridge & Norman LLP  
Attorneys At Law  
6<sup>th</sup> Floor, 701 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004

PATENT