

05-21-2004



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FORM PTO-1595  
(Rev. 6-93)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeRECORDATION FORM COVER SHEET  
PATENTS ONLY

Attorney Docket No.: 053785-5183

To the Commissioner for Patents

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

5-17-04

Young-Sang BYUN  
Joung-Won CHOI  
Hong-Seok 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:

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: April 30, 20044. 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:

April 30, 2004

A. Patent Application No.(s)

B. Patent No.(s)

10846654

Additional numbers attached: ☐ Yes ☒ No

5. 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: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-0310

8. 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

May 17, 2004

Date

Total number of pages including cover sheet, attachments and documents: 3

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**ASSIGNMENT**

WHEREAS we, the below named inventors, [hereinafter referred to as Assignor(s)], have made an invention entitled:

**APPARATUS FOR FORMING ALIGNMENT LAYER AND  
AUTO-CALIBRATION METHOD THEREOF**

for which 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 Republic 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, 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 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, 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 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, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

May 17, 2004

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

|  |  |                                  |
|--|--|----------------------------------|
| Full Name of First Assignor<br>Young-Sang BYUN   | Assignor's Signature<br><i>Young Sang Byun</i> | Date<br>04/30/2004               |
| Address 105-1302, Daeu APT., Jinpyeong-dong, Gyeongsangbuk-do, Gumi-si, 730-360,<br>Republic of Korea      |  | Citizenship<br>Republic of Korea |
| Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |                                  |

ATTORNEY DOCKET NO.: 053785-5183  
SOLE/JOINT INVENTION  
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|  |   |                                  |
|--|---|----------------------------------|
| Full Name of Second Assignor<br>Joung-Won CHOI   | Assignor's Signature<br><i>Joung-Won Choi</i> | Date<br>04/29/2004               |
| Address 102-609, Hyeondae APT., Yeonsan8-dong, Yeonje-gu, Busan, 611-088, Republic of Korea                |   | Citizenship<br>Republic of Korea |
| Full Name of Third Assignor<br>Hong-Seok LEE   | Assignor's Signature<br><i>LEE HONG SEOK</i>  | Date<br>04/29/2004               |
| Address 307-302, Buyeong APT., 453, Gupyeong-dong, Gumi-si, Gyeongsangbuk-do, 730-300, Republic of Korea   |   | Citizenship<br>Republic of Korea |
| Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |                                  |

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