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PATENTS ONLY

Our File No. 12576-7057

TO



PATENTS

Please refer to document or copy thereof.

103352442

1. Name of Party conveying an interest:

Jung-Eun LEE
Jae-Kyun LEE
Moo-Hyoung SONG
Seung-Chan CHOI

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and Address of Party receiving an interest:

Name: LG. PHILIPS LCD CO., LTD.
Internal Address:
Street Address: 20, Yoido-dong,
Youngdungpo-gu
City: Seoul
State/Zip: Republic of Korea

Additional name(s) and addresses attached?
 Yes No

3. Description of the interest conveyed:

Assignment Change of Name Other:
 Security Agreement Merger

Execution Date: December 13, 2006, December 6, 2006, December 13, 2006 and December 6, 2006

Application number(s) or patent number(s). Additional sheet attached? Yes No

If this document is being filed together with a new application, the execution date of the application is:
December 13, 2006, December 6, 2006, December 13, 2006 and December 6, 2006

Patent Application No.(s) Patent No.(s)

Additional numbers attached? Yes No

112949 U.S. PTO
11/639902
121506

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

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200
Customer Number 00757

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40
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 Authorized to be charged to Deposit Account No. 23-1925

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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.

Gustavo Siller, Jr., Reg. No. 32,305
Name of Person Signing

Signature

December 15, 2006
Date

Total number of pages including cover sheet, attachments, and document: 4

Rev. Oct-97

ASSIGNMENT

WHEREAS, Jung-Eun LEE , Jae-Kyun LEE , Moo-Hyoung SONG and Seung-Chan CHOI, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **ARRAY SUBSTRATE FOR LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME**, executed by Assignors on the same date as this Assignment;

WHEREAS, LG. PHILIPS LCD CO. LTD. a corporation organized and existing under the laws of Korea, having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul, Republic of Korea, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: Dec 13. 2006 Jung-Eun Lee
 Jung-Eun LEE

DATE: _____
 Jae-Kyun LEE

DATE: Dec. 13. 2006 Moohyoung Song
 Moo-Hyoung SONG

DATE: _____
 Seung-Chan CHOI

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: _____
Jung-Eun LEE

DATE: 2006.12.6
Jae-Kyun LEE

DATE: _____
Moo-Hyoung SONG

DATE: 2006.12.6
Seung-Chan CHOI