

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dong Uk Shin	07/30/2009
Kyung Tae Park	07/30/2009
Chang Yeop Shin	07/30/2009
Yun Jung Hwang	07/30/2009
Wan Jin Seo	07/30/2009

RECEIVING PARTY DATA

Name:	LG. DISPLAY CO. LTD.
Street Address:	20, Yoido-dong, Youngdungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12540917

CORRESPONDENCE DATA

Fax Number: (312)321-4299

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Correspondent Name: Gustavo Siller, Jr.

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ATTORNEY DOCKET NUMBER:

12580-5283

NAME OF SUBMITTER:

Gustavo Siller, Jr.

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PATENT
REEL: 023098 FRAME: 0409

Total Attachments: 3

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

1. Name of conveying Party(ies)/Execution Date:

Dong Uk SHIN / July 30, 2009
Kyung Tae PARK / July 30, 2009
Chang Yeop SHIN / July 30, 2009
Yun Jung HWANG / July 30, 2009
Wan Jin SEO / July 30, 2009

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

☐ Yes ☒ No**2. Name and Address of receiving Party(ies):**

Name: LG DISPLAY CO., LTD.

Street Address: 20, Yoido-dong Youngdungpo-gu

City: Seoul

Country: Republic of Korea

Additional name(s) and addresses attached? ☐ Yes ☒ No

3. Nature of Conveyance:

Execution Date(s): July 30, 2009

- ☒ Assignment ☐ Change of Name ☐ Executive Order 9424, Confirmatory License
☐ Security Agreement ☐ Merger ☐ Joint Research Agreement
☐ Government Interest Assignment ☐ Other _____

4. Application or patent number(s).☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No**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
(312) 321-4299 Fax

6. Total number of applications and patents involved: 1**7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to Deposit Acct. No. 23-1925
☐ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
Expiration Date

b. ☒ Charge fee and/or any Deficiencies to Deposit
Account Number 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

/Gustavo Siller, Jr./**August 13, 2009**

Signature

Date

Gustavo Siller, Jr.

Total no. of pages including coversheet, attachments and documents: 3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, Dong Uk SHIN; Kyung Tae PARK; Chang Yeop SHIN; Yun Jung HWANG; and Wan Jin SEO, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **LIQUID CRYSTAL DISPLAY DEVICE**, executed by Assignors on the same date as this Assignment;

WHEREAS, LG DISPLAY 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:	<u>2009-07-30</u>	<u>Dong Uk SHIN</u> Dong Uk SHIN
DATE:	<u>2009-07-30</u>	<u>Kyung Tae PARK</u> Kyung Tae PARK
DATE:	<u>2009-07-30</u>	<u>Chang Yeop SHIN</u> Chang Yeop SHIN
DATE:	<u>2009-07-30</u>	<u>Yun Jung HWANG</u> Yun Jung HWANG
DATE:	<u>2009-07-30</u>	<u>Wan Jin SEO</u> Wan Jin SEO