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

12.2900

**1. Name of conveying party(ies)**  
Sang Ho CHOI

**2. Name and address of receiving party(ies)**  
Name: LG.Philips LCD Co., Ltd.  
Internal Address: \_\_\_\_\_

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

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) December 21, 2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Street Address: 20 Yoido-dong, Youngdungpo-gu  
City: Seoul  
State: \_\_\_\_\_  
Country: Republic of Korea Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  
A. Patent Application No.(s)  
B. Patent No.(s)

This document is being filed together with a new application.  
Additional numbers attached?  Yes  NO

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Sunwoo Lee  
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Email Address: sunwoo.lee@seyfarth.com

**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 account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** \_\_\_\_\_ December 28, 2006 Date  
Signature

Victoria Hao, Registration No. 47,630 Total number of pages including cover sheet, attachments, and document: 4  
Name of Person Signing

13260 U.S. PTO  
11/646556

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**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT** by, Sang Ho CHOI, residing at 616ho 101-dong SKbentium Dangeong-dong, Gunpo-si, Gyeonggi-do, Republic of Korea; (hereinafter referred to as Assignor);

**WHEREAS**, Assignor has invented certain new and useful improvements in **APPARATUS AND METHOD FOR DRIVING LIQUID CRYSTAL DISPLAY DEVICE**, set forth in the attached application for Letters Patent of the United States; and

**WHEREAS**, LG.PHILIPS LCD CO., LTD., a corporation organized under and pursuant to the laws of Korea and having its principal place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul, Republic of Korea, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assigns, transfers and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by any one or all of the Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification 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:

**SEYFARTH SHAW LLP**

All practitioners at Customer Number 66886

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 2006 . 12 . 21

Signature: \_\_\_\_\_

*Sang Ho Choi*  
Sang Ho CHOI