1. Name of conveying party(ies)  
Dong Il CHUNG (12/18/06), and  
Kyoung Hun LEE (12/18/06)

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  
State:  
Country: Republic of Korea  
Zip:  

3. Nature of conveyance/Execution Date(s):  
Execution Date(s) (in parenthesis)  
- [x] Assignment  
- [ ] Merger  
- [ ] Security Agreement  
- [ ] Change of Name  
- [ ] Joint Research Agreement  
- [ ] Government Interest Assignment  
- [ ] Executive Order 9424, Confirmatory License  
- [ ] Other  

4. Application or patent number(s):  
A. Patent Application No(s)  
12/19/2006 SSITHNB1 00000053 11640334  
Expiration Date 40.00 DP  
Additional numbers attached? [ ] Yes [ ] No

5. Name and address to whom correspondence concerning document should be mailed:  
Name: Sunwoo Lee  
Internal Address:  
Street Address: 815 Connecticut Avenue, NW  
Suite 500  
City: Washington  
State: DC  
Zip: 20006-4004  
Phone Number: (202) 463-2400  
Fax Number: (202) 955-3133  
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  
- [x] 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:  
Sunwoo Lee, Registration No. 43,337  
Total number of pages including cover sheet, attachments, and document: 4  

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, P.O.Box 1450, Alexandria, V.A. 22313-1450

American LegalNet, Inc.  
www.USCourforms.com

PATENT  
REEL: 018718 FRAME: 0524
ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT by, Dong Il CHUNG, residing at 108-211 Buyeong APT, 3gondan 141 Jung-ri Seokjeok-myeon, Chilgok-gun, Gyeongsangbuk-do, Republic of Korea; and Kyoung Hun LEE, residing at 107-1205 Ubangsicheonji Namyul-ri Seokjeok-myeon, Chilgok-gun, Gyeongsangbuk-do, Republic of Korea; (hereinafter referred to as Assignors);

WHEREAS, Assignors have 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-ku, 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, Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer 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 Assignors, had this sale and
assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant 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, Assignors are the sole
and lawful owners 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
Assignors have good and full right and lawful authority to sell and convey the same in the
manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with
Assignee, its successors, legal representatives and assigns, that Assignors 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 Assignors hereby request 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.

AND Assignors hereby grant 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: 2006.12.18  Signature: ____________________________

Dong Il CHUNG

Date: 2006.12.18  Signature: ____________________________

Kyoung Hun LEE