U.S. PTO 11/824043 06/29/2007

Please 1. Name of Party conveying an i  Hong-Youl LIM  Additional name(s) of conveying party(ies) attached?    Additional name(s) of conveying party(ies) attached?   Assignment	DATENTS ON V	06/29/2007		0 - 51- 11- 40570 0470
The second party conveying an interest:    Hong-Youl LIM				Our File No. 12579-6178
The second party conveying an interest:    Hong-Youl LIM	Planca		ant or convithers	nof
Additional name(s) of conveying party(ies) attached?  Additional name(s) of conveying party(ies) attached?  Additional name(s) of conveying party(ies) attached?  Additional name(s) and addresses att				
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Additional name(s) of conveying party(ies) attached?	Hong-Youl LIM		Internal Address: 2	0, Yoido-dong,
3. Description of the interest conveyed:	Additional name(s) of conveying party(ie			
Security Agreement ☐ Change of Name Other:  ☐ Security Agreement ☐ Merger  Execution Date: June 29, 2007  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:  June 29, 2007  Patent Application No.(s)  Patent Application No.(s)  Additional numbers attached? ☐ Yes ☒ No  Solvent Additional numbers attached? ☐ Yes ☒ No  Additional numbers attached? ☐ Yes ☒ No  Solvent Additional numbers attached? ☐ Yes ☒ No  Additional numbers attached? ☐ Yes ☒ No  Solvent Additional numbers attached? ☐ Yes ☒ No  Total fee (37 CFR 3.41) \$40  ☐ Enclosed ☐ Authorized to be charged to Deposit Account No. 23-1925  Authorized to be charge any deficiencies in fee or credit			Additional name(s) and	addresses attached? ☐ Yes   No
Execution Date: June 29, 2007  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:  June 29, 2007  Patent Application No.(s)  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  Customer Number 00757  8. Please charge any deficiencies in fee or credit			Other:	
Application number(s) or patent number(s). Additional sheet attached?  \[ Yes \in No \]  If this document is being filed together with a new application, the execution date of the application is: \[ \frac{June 29, 2007}{\]  Patent Application No.(s)  Patent No.(s)  Additional numbers attached?  \[ Yes \in No \]  Solutions No.(s)  Additional numbers attached?  \[ Yes \in No \]  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  Bright No. 23-1925  Customer Number 00757  Reservation date of the application is:  No. (s)  Patent No.(s)  Additional numbers attached?  \[ Yes \in No  No. 23-1925  Authorized to be charged to Deposit Account No. 23-1925  Reservation No. (s)  Patent No.(s)	Security Agreement	☐ Merger	,, /	COU AUS
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DO NOT USE THIS SPACE		DO NOT USE THE	S SPACE	
Statement and signature.		Ala - Canana - 1 - Canana - 1		
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.		the foregoing informatio	n is true and correct and a	any attached copy is a true
Gustavo Siller, Jr., Reg. No. 32,305 Name of Person Signing Signature June 29, 2007 Date			nature	
Total number of pages including cover sheet, attachments, and document: 3	Total number of ps	ges including cover sho	et attachments and door	ment: 3
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**PATENT** 

**REEL: 019566 FRAME: 0509** 

## **ASSIGNMENT**

WHEREAS, Hong-Youl Lim, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled Liquid Crystal Display Device And Driving Method Thereof, executed by Assignor on the same date as, or on a date prior to, 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, Youngdungpogu, 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 Assignor from the Assignee is hereby acknowledged, the Assignor has 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 Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the

PATENT REEL: 019566 FRAME: 0510 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 Assigner 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 Assignor has executed this agreement.

DATE:	june 29 2007	Hong Youl Lim	
		Hong-Youl Lim	