Street Address:

1900 K STREET, N.W.

U.S. PTO 12/457113

06-10-2009 06/01/2009 MLA Version 10 Based on Form PTO-1595 (Rev. 09-08) RM COVER SHEET S ONLY ' 103563342 To the Director or the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below 1. Name of conveying party(ies): Name and address of receiving party(ies) YOON, Sunghoe Name: LG.PHILIPS LCD CO., LTD. Internal Address: Additional name(s) of conveying party(ies) X No Street Yes 20, Yoido-dong, Yongdungpo-gu Address: 3. Nature of Conveyance/Execution Date(s): X Assignment Merger Security Agreement Change of Name City: Seoul Joint Research Agreement State: Government Interest Agreement Country: Republic of Korea Other Zip: 150-721 Additional name(s) & Execution Date(s): April 25,2005 X No address(es) attached: 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? 5. Name and address of party to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Name: MCKENNA LONG & ALDRIDGE LLP 7. Total fee (37 CFR 3.41) 40.00 Internal Address: Atty. Dkt.: 8734.389 D1 **Enclosed**

8. Deposit account number: City: State: Zip: 50-0911 WASHINGTON DC 20006 9. 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. Eric J. Nuss, Registration No.: 40,106 June 1, 2009 Name of Person Signing, Reg. No. Date

Total number of pages including cover sheet, attachments, and documents: | 3

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Authorized to be charged to deposit account

None required (government interest not affecting title)

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PATENT REEL: 022811 FRAME: 0402

Attorney Docket No.: 42166-0004

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ASSIGNMENT AND AGREEMENT

WHEREAS, Sunghoe YOON ((hereinafter referred to singly an	d collectively as
("ASSIGNOR") have invented a certain	n invention entitled LIQUID CRY	STAL DISPLAY
DEVICE AND METHOD FOR FABRIC	CATING THE SAME for which ar	n application for
United States Letters Patent was filed		ccorded as U.S.
Application No.	or is concurrently filed herewith	; and

WHEREAS, LG.Philips LCD Co., Ltd., having its principal place of business at 20, Yoldo-dong, Youngdungpo-gu, Seoul, KOREA (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein:

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which claim priority from said applications and/or which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and

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Attorney Docket No.: 42168-0004

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transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Heller Ehrman White & McAuliffe the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Heller Ehrman White & McAuliffe do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAMES AND SIGNATURES OF INVENTORS		
Name: Sunghoe YOON	Signature: Joon Signature:	Date:
Name:	Signature:	Date:
Nате:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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