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PATENT

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To the Honorable Commissioner of Patents and Trademarks: Please record attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Young-Nam Yun**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: **SAMSUNG ELECTRONICS CO., LTD.**  
:

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: November 12, 2003

Street Address: 416, Maetan-dong, Paldal-gu, Suwon-si  
City: Gyeonggi-do Country: Korea  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s)  
If this document is being filed together with a new application the execution date of the application is:  
A. Patent Application No.(s)  
10/732,391  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
\_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Kieun Jenny Sung  
Internal Address: Gray Cary Ware & Freidenrich, LLP  
Street address: 2000 University Avenue  
City: East Palo Alto State: CA Zip 94303

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 07-1896  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
Kieun Jenny Sung 48,639 [Signature] March 25, 2004  
Name of Person Signing Reg. No. Signature Date

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

Mail documents to be recorded with required cover sheet information to:  
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1190860-991110

PATENT  
REEL: 015149 FRAME: 0749

## ASSIGNMENT

WHEREAS I, Young-Nam YUN, residing at  
304-206 Jugong Apt., Gaepo2-dong,  
Gangnam-gu, Seoul, Korea

have invented certain new and useful improvements in **A LIQUID CRYSTAL DISPLAY DEVICE HAVING A PATTERNED DIELECTRIC LAYER**, a United States patent for which was filed as United States Application Serial No. 10/732,391 on December 9, 2003;

AND WHEREAS SAMSUNG ELECTRONICS, CO., LTD., hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country of the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am a lawful owner of the application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the inventions or improvements on any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree, jointly and individually with any co-inventor(s), that I will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED

Young Nam YUN  
Young-Nam YUN

Date: 2003. 12. 11

IN WITNESS WHEREOF:

Witness #1

Witnessed: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
(Printed Name)

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Witness #2

Witnessed: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
(Printed Name)

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

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RECORDED: 03/29/2004

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