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PATENTS ONLY

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

1. Name of conveying party(ies)
In-Ho SONG; Kwan-Young CHO; Ho LEE;
Ji-Min LEE

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

2. Name and address of receiving party(ies)
Name: Samsung Electronics Co., Ltd.
Internal Address: _____

3. Nature of conveyance/Execution Date(s):
September 24, 2005, September 24, 2005; September 26, 2005
Execution Date(s) and September 26, 2005, respectively

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Street Address: 416 Maetan-dong, Yenogtong-gu
Suwon-si
City: Gyeonggi-do
State: _____
Country: Korea Zip: _____

Additional name(s) & address(es) attached? Yes No

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? Yes NO

5. Name and address to whom correspondence concerning document should be mailed:
Name: Kieun Jenny Sung
Internal Address: _____
DLA Piper Rudnick Gray Cary US LLP
Street Address: 2000 University Avenue
City: East Palo Alto
State: California Zip: 94303
Phone Number: 650.833.2121
Fax Number: 650.833.2001
Email Address: jenny.sung@dlapiper.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

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Authorized User Name Kieun Jenny Sung

9. Signature: Kieun Jenny Sung
Signature
Kieun Jenny Sung
Name of Person Signing

September 29, 2005
Date
Total number of pages including cover sheet, attachments, and document: 6

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PATENT
REEL: 017066 FRAME: 0867

ASSIGNMENT

WHEREAS, we, In-Ho SONG, Kwan-young CHO, Ho LEE, and Je-Min LEE have invented certain new and useful improvements in PASSIVATION LAYER ASSEMBLY ON A SUBSTRATE AND DISPLAY SUBSTRATE HAVING THE SAME, a United States patent application filed herewith.

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 In-Ho Song Date: 2005.09.24
IN-HO SONG

IN WITNESS WHEREOF:

Witness #1

Witnessed: _____ Date: _____
_____ (Printed Name)

Address: _____

Witness #2

Witnessed: _____ Date: _____
_____ (Printed Name)

Address: _____

EXECUTED Kwamyoung Cho Date: 09.24.2005.
KWAN-YOUNG CHO

IN WITNESS WHEREOF:

Witness #1

Witnessed: _____ Date: _____
_____ (Printed Name)

Address: _____

Witness #2

Witnessed: _____ Date: _____
_____ (Printed Name)

Address: _____

EXECUTED Lee Ho Date: 2004. 1. 26
HO LEE

IN WITNESS WHEREOF:

Witness #1

Witnessed: _____ Date: _____
_____ (Printed Name)

Address: _____

Witness #2

Witnessed: _____ Date: _____
_____ (Printed Name)

Address: _____

EXECUTED JE-MIN LEE Date: 2005, 09. 24
JE-MIN LEE

IN WITNESS WHEREOF:

Witness #1

Witnessed: _____ Date: _____

(Printed Name)

Address: _____

Witness #2

Witnessed: _____ Date: _____

(Printed Name)

Address: _____

