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

1. Name of conveying party(ies)/Execution Date(s):
 (1) Jong-Sul Min
 (2) Chang-Wan Hong
 (3) Young-Sun Kim
 (4) Young-Soo Han

Execution Date(s) March 2, 2005

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: _____
 Street Address: 416, Maetan-dong, Yeongtong-gu
 City: Suwon-si
 State: Gyeonggi-do
 Country: Republic of Korea Zip: 442-742

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

9. Nature of conveyance:

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

4. Application or patent number(s):
 A. Patent Application No.(s)
 B. Patent No.(s)

Additional numbers attached? Yes No

This document is being filed together with a new application.

5. Name and address to whom correspondence concerning document should be mailed:

Name: Royslance, Abrams, Berdo & Goodman, L.L.P.
 Internal Address: Suite 600
 Street Address: 1300 19th Street, NW
 City: Washington
 State: D.C. Zip: 20036
 Phone Number: (202) 659-9076
 Fax Number: (202) 659-9344
 Email Address: _____

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

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 18-2220
 Authorized User Name John E. Holmes

9. Signature: Martin E. Miller Signature Date March 3, 2005

Martin E. Miller
 Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

03/07/2005 EFLORES 00000066 11070082
05 FC:8021 (40.00 DP)

ASSIGNMENT

WHEREAS, We, (1) Jong-Sul Min; (2) Chang-Wan Hong; (3) Young-Sun Kim; and (4) Young-Soo Han, all citizens of the Republic of Korea, residing respectively at (1) 103-201 Shinyeongtong Hyundai Apt., Banwol-ri, Taean-eup, Hwasung-si, Gyeonggi-do, Republic of Korea; (2) 506-906 Samsung 5-cha Apt., Poongdukcheon 2-dong, Yongin-si, Gyeonggi-do, Republic of Korea; (3) 718-204 Salgugol 7-danji Donga Apt., 701-730 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and (4) 551-1803 Shinnamusil 5-danji Jinheung Apt., 501-554 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, have made a certain invention entitled "PLASMA DISPLAY PANEL" for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; and in, to and under the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on

ASSIGNMENT

and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman 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 Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of March, 2005.

J. S. Min
Jong-Sul Min

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of March, 2005.

Chang-Wen Hong
Chang-Wen Hong

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of March, 2005.

Young Sun Kim
Young-Sun Kim

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of March, 2005.

Young-Soo Han
Young-Soo Han

Witness

ASSIGNMENT