

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Soo-Im JEONG</td> <td>02/03/2005</td> </tr> <tr> <td>You-Kyoung LEE</td> <td>02/03/2005</td> </tr> <tr> <td>Jin-Ho JU</td> <td>02/03/2005</td> </tr> </tbody> </table>		Name	Execution Date	Soo-Im JEONG	02/03/2005	You-Kyoung LEE	02/03/2005	Jin-Ho JU	02/03/2005
Name	Execution Date								
Soo-Im JEONG	02/03/2005								
You-Kyoung LEE	02/03/2005								
Jin-Ho JU	02/03/2005								
RECEIVING PARTY DATA									
Name:	Samsung Electronics Co., Ltd.								
Street Address:	416, Maetan-dong, Yeongtong-gu								
City:	Suwon-si, Gyeonggi-do								
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11777042</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11777042				
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Application Number:	11777042								
CORRESPONDENCE DATA									
Fax Number:	(860)286-0115								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	David E. Rodrigues								

CH \$40.00 11777042

Total Attachments: 5
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 20, 2005

PTAS



102948924A

MCGUIREWOODS, LLP
HAE CHAN PARK
1750 TYSONS BLVD.
SUITE 1800
MCLEAN, VA 22102

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 02/18/2005

REEL/FRAME: 016288/0886

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JEONG, SOO-IM

DOC DATE: 02/03/2005

ASSIGNOR:

LEE, YOU-KYOUNG

DOC DATE: 02/03/2005

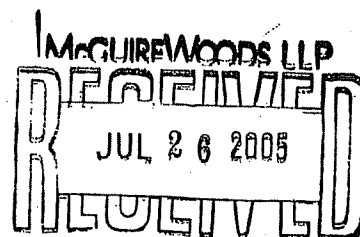
ASSIGNOR:

JU, JIN-HO

DOC DATE: 02/03/2005

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC
OF KOREA



016288/0886 PAGE 2

SERIAL NUMBER: 10989636

FILING DATE: 11/17/2004

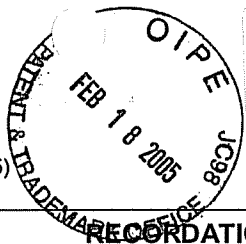
PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILM TRANSISTOR ARRAY PANEL

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

2/18/05



02-25-2005



102948924

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Docket No.: 6192.0497.US

RECORDATION FORM COVER SHEET 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)/Execution Date(s):

Soo-Im JEONG;
You-Kyoung LEE; and
Jin-Ho JU

Execution Date(s) February 3, 2005

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

2. Name and address of receiving party(ies)

Name: Samsung Electronics Co., Ltd.

Street Address: 416, Maetan-dong, Yeongtong-gu

City: Suwon-si, Gyeonggi-do

Country: The Republic of KOREA

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

3. 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):

This document is being filed together with a new application

TITLED: **THIN FILM TRANSISTOR ARRAY PANEL**

A. Patent Application No.(s) 10/989,636

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Hae Chan Park

Internal Address: McGuireWoods LLP

Street Address: 1750 Tysons Blvd., Suite 1800

City: McLean

State: Virginia Zip: 22102

Phone Number: 703.712.5365

Fax Number: 703.712.5280

Email Address: hpark@mcguirewoods.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:
 - Any deficiencies in the enclosed fees.
 - Enclosed Check
 - None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 23-1951
Authorized User Name _____

9. Signature: Richard T. Schachue, Reg. No. 48,342, FOR

Signature

February 18, 2005

Date

Hae Chan Park, Reg. No. 50,114
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, V.A. 22313-1450

02/25/2005 DBYRNE 00000066 10989636

01 FC:8021

40.00 OP

ASSIGNMENT

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in

- an application for United States Letters Patent entitled;
THIN FILM TRANSISTOR ARRAY PANEL
("Application");

- upon which United States Letters Patent, Patent Number _____, has issued
("Patent");

Whereas, Assignor desires to convey all rights, title and interests in and to the same to Samsung Electronics Co., Ltd. ("Assignee"), with offices located at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, The Republic of KOREA ;

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States, , any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the U..S. or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense..

IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.

Assignor:

Signature: Jeong, Soo-Im

Print Name: JEONG, Soo-Im

Address: 1007-2, Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Korea

Date: February 3, 2005

Assignor:

Signature: LEE Youkyoung

Print

Name: LEE, You-Kyoung

Address: Byeokjeokgol 8-danji Apt. 844-304, Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Korea

Date: February 3, 2005

Assignor:

Signature: Ju Jmho

Print

Name: JU, Jin-Ho

Address: Mapo Samsung Apt. 105-504, Dohwa 1-dong, Mapo-gu, Seoul, Korea

Date: February 3, 2005