

# ASSIGNMENT RECORDATION FORM

02-25-2004



To the Honorable Commissioner of Patents and Trademarks

Date: February 19, 2004  
Attorney Docket No. 5649-1187

Please record the attached original documents or copy thereof.

102679201

1. Name of conveying party(ies):

- 1) Shin-ae Lee
- 2) Dung-gun Park
- 3) Chang-sub Lee
- 4) Jeong-dong Choe
- 5) Sung-min Kim
- 6) Seong-ho Kim

2. Name and address of receiving party(ies):

Samsung Electronics Co., Ltd.  
416 Maetan-dong, Yeongton-gu  
Suwon-City, Gyeonggi-do  
REPUBLIC OF KOREA

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

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

Execution Date: 1) 02/12/04; 2) 02/12/04; 3) 02/12/04; 4) 02/12/04; 5) 02/12/04; 6) 2/12/04

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

4. Application Serial No. 10/683,782 Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes ☒ No

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

D. Randal Ayers  
Myers Bigel Sibley & Sajovec  
P. O. Box 37428  
Raleigh NC 27627

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: 50-0220

DO NOT USE THIS SPACE

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.*

D. Randal Ayers, Reg. No. 40,493

Name of Person Signing

*D. Randal Ayers*

Signature

February 19, 2004

Date

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

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PATENT  
REEL: 014995 FRAME: 0622

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Shin-ae Lee**, a citizen of the Republic of Korea, residing at 15-519 Suwon P.O. Box 125, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Dong-gun Park**, a citizen of the Republic of Korea, residing at 801-401 Jeil Apt., Mujigae-maeul, Gumi-dong, Bundang-gu, Seongnam, si, Gyeonggi-do, Republic of Korea; **Chang-sub Lee**, a resident of the Republic of Korea, residing at 104-1202 Hansol Apt., 579 Gokbanjeong-dong, Kwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Jeong-dong Choe**, a resident of the Republic of Korea, residing at 302-905 Saethyeon Hanyang Apt., Dalan-dong, dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea; **Sung-min Kim**, a citizen of the Republic of Korea, residing at 108-2204 Sambu Apt., Bugae3-dong, Bupyeong-gu, Incheon Metropolitan City, Republic of Korea; and **Seong-ho Kim**, a resident of the Republic of Korea, residing at 214Ho wolgyesu-dong, San 7-1 Nongseo-ri, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MOS TRANSISTORS HAVING INVERTED T-SHAPED GATE ELECTRODES AND FABRICATION METHODS THEREOF** for which an application for United States Letters Patent was filed as Application No. **10/683,782** on **October 10, 2003**;

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.  
we further covenant and agree that, at the time of the execution and delivery of these presents,  
we possess full title to the invention and application above-mentioned, and that we have the  
unencumbered right and authority to make this assignment.

We further covenant and agree to bind my heirs, legal representatives and assigns,  
promptly to communicate to said assignee or its representatives any facts known to us relating to  
said invention, to testify in any interference or legal proceedings involving said invention, to  
execute any additional papers which may be requested to confirm the right of the assignee, its  
representatives, successors or assigns to secure patent or similar protection for the said invention  
in all countries and to vest in the assignee complete title to the said invention and Letters Patent,  
without further compensation, but at the expense of said assignee, its successors, assigns and  
other legal representatives.

IN WITNESS WHEREOF, we have hereunto set my hand and seal on this 12 day  
of Feb., 2004.

Shin-ae Lee (SEAL)

**Shin-ae Lee**

Dong-gun Park (SEAL)

**Dong-gun Park**

Chang-Sub Lee (SEAL)

**Chang-sub Lee**

Jeong-dong Choe (SEAL)

**Jeong-dong Choe**

Sung-min Kim (SEAL)

**Sung-min Kim**

Seong-ho Kim (SEAL)

**Seong-ho Kim**

Witnessed by:

\_\_\_\_\_

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

\_\_\_\_\_

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