

# ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To: Commissioner for Patents:

Date: June 29, 2007  
Attorney Docket No. 5649-2033

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

- [1.] Jong-Sun Sel  
[2.] Jung-Dal Choi  
[3.] Young-Woo Park  
[4.] Jin-Taek Park

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

## 3. Nature of conveyance:

Execution Date(s)

[1.] ENTER DATE HERE

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmation License  
☒ Other Correct spelling of Inventor #4 name.

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

Samsung Electronics Co., Ltd.  
416 Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do  
Republic of Korea

Additional name(s) & address(es) attached? Yes ☐ No ☒4. Application Serial No. 11/729,169 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:

Scott C. Hatfield  
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  
☒ Was enclosed with original filing.  
☐ 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.*

Scott C. Hatfield, Reg. No. 38,176

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 9

## CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office via facsimile number 571-273-0140 on June 29, 2007.

Joyce Paoli

11/729169

03/28/2007

## ASSIGNMENT RECORDATION

04-10-2007



103393247

To: Commissioner for Patents:

Date: March 28, 2007  
Attorney Docket No. 5649-2033

Please record the attached original document

## 1. Name of conveying party(ies):

- [1.] Jong-Sun Sel  
[2.] Jung-Dal Choi  
[3.] Young-Woo Park  
[4.] Jin-Tak Park

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

Samsung Electronics Co., Ltd.  
416 Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do  
Republic of Korea

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

## 3. Nature of conveyance:

Execution Date(s) 1) 3/22/07; 2) 3/21/07; 3) 3/22/07  
4) 3/22/07

## [1.] ENTER DATE HERE

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

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

4. Application Serial No. \_\_\_\_\_ Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application  
is: March 28, 2007

Additional numbers attached? Yes ☒ No

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Myers Bigel Sibley & Sajovec  
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## 8. Deposit account number: 50-0220

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03/30/2007 CNGUYEN2 00000037 11729169

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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.

Scott C. Hatfield, Reg. No. 38,176

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 6

## CERTIFICATE OF EXPRESS MAILING

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Date of Deposit: March 28, 2007

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Joyce Paoli

PATENT

REEL: 019504 FRAME: 0437

Attorney Docket 5649-2033

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Jong-Sun Sel**, a citizen of the Republic of Korea, residing at 203-404, Hansung 2cha Apt., Gugal-Dong, Giheung-Gu, Yongin-City, Kyungki-Do, Republic of Korea; **Jung-Dal Choi**, a citizen of the Republic of Korea, residing at 205-1603, Dongsuwon LG Village Apt., Mangpo-Dong, Youngtong-Gu, Suwon-City, Kyungki-do, Republic of Korea; **Young-Woo Park**, a citizen of the Republic of Korea, residing at 102-108, Mido Apt., Daechi-Dong, Kangnam-Gu, Seoul, Republic of Korea; and **Jin-Tak Park**, a citizen of the Republic of Korea, residing at 944-1710, Bukjukgul Apt., Youngtong-Dong, Youngtong-Gu, Suwon-City, Kyung-Ki Do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **NON-VOLATILE MEMORY DEVICES INCLUDING DUMMY WORD LINES AND RELATED STRUCTURES AND METHODS** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-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

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**ASSIGNMENT - CONTINUED**

entirely as the same would have been held and enjoyed by us 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 our 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, I have hereunto set my hand and seal on this 22 day of Mar, 2007.

  
\_\_\_\_\_  
Jong-Sun Sel

(SEAL)

Witnessed by:

\_\_\_\_\_

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

**PATENT****REEL: 019504 FRAME: 0439**

Attorney Docket 5649-2097

## ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21<sup>th</sup> day  
of March, 2007.

Jungdal Choi (SEAL)  
Jung-Dal Choi

Witnessed by:

\_\_\_\_\_

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

Attorney Docket 5649-2097

## ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22 day  
of Mar., 2007.

Youngwoo Park (SEAL)  
Young-Woo Park

Witnessed by:

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Date: 

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Attorney Docket 5649-2097

## ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22 day  
of March, 2007.

*Jin-Tack Park* (SEAL)  
Jin-Tack Park

Witnessed by:

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Date: 

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