

Docket No.: SEC.2183

FDHM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp.5/31/2002)  
P08A/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dae-Han KIM  
Jung-Woo LEE

Additional names(s) of conveying party(ies)  Yes  No

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

Name: Samsung Electronics Co., Ltd.

Address: 416, Maetan-dong, Yeongtong-gu

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: October 18, 2007

City: Suwon-si State/Prov.: Gyeonggi-do

Country: Korea ZIP:

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

4. Application number(s) or patent numbers(s):

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

Patent Application No.	Filing date
11/938,922	November 13, 2007

B. Patent No.(s)

Additional numbers  Yes  No

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

Name: Van C. Ernest  
Registration No. 44,099  
Address: Volentine & Whitt, P.L.L.C.

One Freedom Square  
11951 Freedom Drive, Suite 1260

City: Reston State/Prov.: VA  
Country: USA ZIP: 20190

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-0238

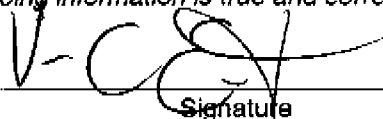
(Attach duplicate copy of this page if paying by deposit account)

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.

Van C. Ernest  
Name of Person Signing



Signature

November 15, 2007  
Date

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

3

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 500238 11938922

VOLENTINE &amp; WHITT, P.L.L.C. (01/2007)

ATTORNEY DOCKET NO. SEC.2183**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

**Insert****Name(s) of  
Inventor(s)**

- |                        |           |
|------------------------|-----------|
| 1. <u>Dae-Han KIM</u>  | 7. _____  |
| 2. <u>Jung-Woo LEE</u> | 8. _____  |
| 3. _____               | 9. _____  |
| 4. _____               | 10. _____ |
| 5. _____               | 11. _____ |
| 6. _____               | 12. _____ |

**Insert****Name(s) of  
Assignee(s) &**

the undersigned hereby sell(s) and assign(s) to

**Address(es)**

SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742, Republic of Korea

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

**Title of  
Invention**

FLASH MEMORY DEVICE AND METHOD OF ERASING FLASH MEMORY DEVICE

**Date of  
Signing of  
Application**

for which an application for patent in the United States of America has been executed by  
the undersigned on \_\_\_\_\_

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

VOLENTINE & WHITT, P.L.L.C. (01/2007)

ATTORNEY DOCKET NO. SEC.2183

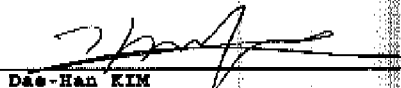
The undersigned hereby grant(s) the practitioners associated with the **CUSTOMER NUMBER 10987** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2007. 10. 18

Signature of Inventor

  
Dae-Han KIM

Date 2007. 10. 18

Signature of Inventor

  
Jung-Woo LIM

Date \_\_\_\_\_

Signature of Inventor

Date \_\_\_\_\_

Signature of Inventor

Date \_\_\_\_\_

Signature of Inventor

Date \_\_\_\_\_

Signature of Inventor

(Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.)

Witness \_\_\_\_\_

Witness \_\_\_\_\_

Applicant Reference No. ID16522-US