

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the recordation to add the second Assignor previously recorded on Reel 028198 Frame 0809. Assignor(s) hereby confirms the second Assignor is AHN, JONGKEUN.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KUI-YON MUN</td> <td>05/10/2012</td> </tr> <tr> <td>JONGKEUN AHN</td> <td>05/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	KUI-YON MUN	05/10/2012	JONGKEUN AHN	05/09/2012				
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KUI-YON MUN	05/10/2012										
JONGKEUN AHN	05/09/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>416, MAETAN-DONG, YEONGTONG-GU</td> </tr> <tr> <td>City:</td> <td>SUWON-SI, GYEONGGI-DO</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>442-742</td> </tr> </table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	416, MAETAN-DONG, YEONGTONG-GU	City:	SUWON-SI, GYEONGGI-DO	State/Country:	KOREA, REPUBLIC OF	Postal Code:	442-742
Name:	SAMSUNG ELECTRONICS CO., LTD.										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13469203</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13469203						
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Application Number:	13469203										
CORRESPONDENCE DATA											
<p>Fax Number: 5712830740  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5712830720    Email: aloomis@volentine.com    Correspondent Name: VOLENTINE &amp; WHITT, PLLC    Address Line 1: 11951 FREEDOM DRIVE, SUITE 1300    Address Line 4: RESTON, VIRGINIA 20190</p>											
ATTORNEY DOCKET NUMBER:	SEC.3092										
NAME OF SUBMITTER:	ADAM C. VOLENTINE										
<p>Total Attachments: 6    source=Assignment#page1.tif    source=Assignment#page2.tif    source=Assignment#page3.tif    source=Assignment#page4.tif    source=Notice of Recordation#page1.tif    source=CoverSheet#page1.tif</p>											

CH \$40.00 13469203

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kui-Yon Mun	05/10/2012
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu,
City:	Suwon-si, Gyeonggi-do,
State/Country:	REPUBLIC OF KOREA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13469203
CORRESPONDENCE DATA	
Fax Number:	(571)283-0740
Phone:	5712830720
Email:	aloomis@volentine.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	VOLENTINE & WHITT, PLLC
Address Line 1:	11951 FREEDOM DRIVE, SUITE 1300
Address Line 4:	RESTON, VIRGINIA 20190
ATTORNEY DOCKET NUMBER:	SEC.3092
NAME OF SUBMITTER:	ADAM C. VOLENTINE
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

CH \$40.00 13469203

PATENT

REEL: 029001 FRAME: 0002

## 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>Kui-Yon MUN</u>  | 7. _____  |
| 2. <u>Jongkeun AHN</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

Title of  
Invention

(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

FLASH MEMORY DEVICE HAVING SEED SELECTOR CIRCUIT

Date of  
Signing of  
Application

for which an application for patent in the United States of America has been executed by  
the undersigned on May 10, 2012

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.

The undersigned hereby grant(s) the practitioners associated with the **CUSTOMER NUMBER 20987** 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 \_\_\_\_\_ Signature of Inventor Eni-Yon KIM

Date May 10, 2012 Signature of Inventor [Signature]  
Jonghoon KIM

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. ID-210127-US

# ASSIGNMENT

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

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Inventor(s)

- |                        |           |
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for which an application for patent in the United States of America has been executed by  
the undersigned on May 9, 2012

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Date 2012. 5. 9 Signature of Inventor   
Kui-Yon MUN

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_  
Jongkeun AHN

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

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