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Execution Date(s): September 1, 2009                      12585299
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☒ This document is being filed together with a new application.  
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5. Name and address of party to whom correspondence concerning document should be mailed:  
STAAS & HALSEY LLP                      Our Docket: 1901.1331  
Attention: Gene M. Garner, II  
1201 New York Ave., N.W., Suite 700  
Washington, D.C. 20005
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)  
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Gene M. Garner, II, Reg. No. 34,172  
Name of Person Signing

  
Signature

September 10, 2009  
Date

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# U.S. ASSIGNMENT

5/11/1991

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

**SAMSUNG ELECTRONICS CO., LTD.**  
416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 443-742  
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

## LEAST SIGNIFICANT BIT PAGE RECOVERY METHOD USED IN MULTI-LEVEL CELL FLASH MEMORY DEVICE

relating to International Patent Application PCT/JP \_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on :

(Insert date of execution of application, if not concurrent)

(b) filed on ,

Serial No. Unassigned;

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").



The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Kyung-min Park</u> 	<u>1 September 2009</u>	
<u>Kyung-min PARK</u>		
2) <u>Seong-jun AHN</u> 	<u>1 September 2009</u>	
<u>Seong-jun AHN</u>		
3) _____	_____	_____
4) _____	_____	_____
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PATENT

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