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10-19-02	Docket No.: SEC.1679			
ORM PTO-1595 (Modified) RE: 10 -	24 - 2006 U.S. DEPARTMENT OF COMMERCE			
/IB No. 0651-0027 (exp.5/31/2002)	Patent and Trademark Office			
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To the Director of the United States Patent and Trace 1.03	3326005 ached original documents or copy thereof.			
. Name of conveying party(ies): Young-Dae LEE	Name and address of receiving party(ies): O			
	Name: Samsung Electronics Co., Ltd.			
	Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si			
Additional names(s) of conveying party(ies)	132			
. Nature of conveyance:				
☐ Security Agreement ☐ Change of Name	City: Gyeonggi-do State/Prov:			
☐ Other	Country: Republic of Korea ZIP:			
Execution Date: October 4, 2006	Additional name(s) & address(es) ☐ Yes ☒ No			
. Application number(s) or patent numbers(s):				
this document is being filed together with a new application,	the execution date of the application is: October 4, 2006			
Patent Application No. Filing date	B. Patent No.(s)			
NEW October 19, 2006				
Additional numbers	☐ Yes ☒ No			
. Name and address of party to whom correspondence	6. Total number of applications and patents involved:			
concerning document should be mailed:	o. Total humber of applications and patents involved.			
Name: STEPHEN R. WHITT	7. Total fee (37 CFR 3.41):\$ 40.00			
Registration No. 34,753	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
Address: VOLENTINE FRANCOS & WHITT, PLLC				
ONE FREEDOM SQUARE	Authorized to be charged to deposit account			
11951 FREEDOM DRIVE, SUITE 1260	8. Deposit account number:			
City: RESTON State/Prov.: VA	50-0238			

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.

STEPHEN R. WHITT

1 taphen R. Whird

October 19, 2006

Name of Person Signing

40.00 DA

Date

Country: USA

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REEL: 018436 FRAME: 0482

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ASSIGNMENT

Insert	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned					
Name(s) of	1. Young-Dae LEE 4.					
Inventor(s)	2 5					
	3 6.					
Insert Name(s) of	e undersigned hereby sell(s) and assign(s) to					
Assignee(s) &	SAMSUNG ELECTRONICS CO., LTD.					
Address(es)	416, Maetan-dong, Yeongtong-gu, of Suwon-si, Gyeonggi-do, Republic of Korea					
Title of	(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 STANDBY LEAKAGE CURRENT REDUCTION CIRCUIT AND SEMICONDUCTOR					
	DIAMONI DEMARAGE CORREST REDUCTION CIRCUIT AND SEMICONDUCTOR					
	MEMORY DEVICE COMPRISING THE STANDBY LEAKAGE CURRENT					
	REDUCTION CIRCUIT					
Date of Signing of	for which an application for patent in the United States of America has been executed by					
Application	the undersigned on October 4, 2006					
	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.					

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<i>VOLENTINE</i>	FRANCOS &	WHITT.	P.L.L.C.	(9/2004)

ATTORNEY DOCKET NO. SEC. 1679

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

The undersigned hereby grant(s) the practitioners associated with the <u>CUSTOMER NUMBER 20987</u> 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.

Date	2006.10.0	Signature of Inventor	Young-Dee LEE
Date	······································	Signature of Inventor	
Date		Signature of Inventor	
Date		Signature of Inventor	
Date		Signature of Inventor	
Date		Signature of Inventor	
	witnessed by at le	east two witnesses who sign here	I that the execution by the Inventor(s) be a. However, the current practice of the U.S. gnment even it has not been witnessed.)
	Witness-		
	Witness		

Applicant K	eterence No	PX2089-US/SSD	

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RECORDED: 10/19/2006