Docket No.: SEC.1236CIP

FORM PTO-1595 (Modified) RECORDATION F	FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE	
OMB No. 0851-0027 (eyn 5/31/2002)	PATENTS ONLY  Patent and Trademark Office	
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To the Director of the United Other Brown and T	<b>▼ ▼ ▼</b>	
To the Director of the United States Patent and Trademark O	Office: Please record the attached original documents or copy thereof.	
Name of conveying party(ies):     Jung-bac LEE	Name and address of receiving party(les):	
	Name: Samsung Electronics Co., Ltd.	
	Address: 416, Mactan-dong, Ycongtong-gu,	
Additional names(s) of conveying party(ies)		
3. Nature of conveyance:		
⊠ Assignment □ Merger		
☐ Security Agreement ☐ Change of Name	City: Suwon-si. State/Prov.: Gyconggi-do	
Other	Country: Republic of Korea ZIP: 442-742	
Execution Date: July 30, 2009	– 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	B. Patent No.(s)	
12/539.840 August 12, 2009	D. Faterit NO.(5)	
Additional numbers	☐ Yes ⊠ No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Van C. Ernest	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 44,099	☐ Enclosed - Any excess or insufficiency should be	
Address: Volcntine & Whitt, P.L.L.C.	credited or debited to deposit account	
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	
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Van C. Ernest V	August 12, 2009	
Name of Person Signing	Signature 3 Date	
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VOLENTINE & WHITT, P.L.L.C. (01/2007)

ATTORNEY DOCKET NO. SEC.1236CIP

	In consideration of the sum of One E consideration paid to each of the unders	ollar (\$1,00) and other good and valuable	
Insert Name(s) of Inventor(s)	,	7,	
	2,	<u> </u>	
	3.	9.	
	4	10.	
	5.	11,	
	6.	12	
Insert Name(s) of	SAMSUNG ELECTRONICS CO., LTD.		
Assignee(s) & Address(es)	416. Maetan-dong. Y		
	(hercinafter designated as the Assignee	) the entire right, title and interest for the United	
Title of Invention	States as defined in 35 USC 100, in the invention known as SEMICONDUCTOR MEMORY MODULE AND SEMICONDUCTOR MEMORY SYSTEM		
_	HAVING TERMINATION RESISTOR UNITS		
Date of Signing of Application	for which an application for patent in the United States of America has been executed by		
	the undersigned on		
	application and any continuing, division	l papers necessary in connection with this nal or reissue applications thereof and also to ction with such applications as the Assignee may	
	interference which may be declared co	I papers necessary in connection with any neeming this application or continuing, division or he Assignce in every way possible in obtaining interference.	
	The undersigned agree(s) to execute al may be necessary in connection with o for Protection of Industrial Property or	I papers and documents and perform any act which laims or provisions of the International Convention similar agreements.	
	TOT PROJECTION OF INDUSTRIAL Froperty Of		

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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 Assignce 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 <u>2009, 7, 30</u>	Signature of Inventor	Jung-bal Lee
Date	Signature of Inventor	
Witness		gnment even it has not been witnessed.)
		***************************************
Applicant Reference NoS	s+34826-U\$	
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