Form PTO-1595



U.S. DEPARTMENT OF COMMERCE

1-31-92	Patent and Trademark Office				
γ (α	590433 IEET				
	Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)?				
Bum Soo KIM	SAMSUNG ELECTRONICS CO., LTD.				
	416 Maetan-dong, Paldal-gu, Suwon-citiy, Kyungki-do, Republic of Korea				
Additional name(s) of conveying party(ies) attached?	Noted 195				
□ yes ☑ no	OIPE				
yes no					
	JAN 1 6 2001 LL				
3. Nature of Conveyance:	ZI Z				
☐ Assignment ☐ Merger					
☐ Security Agreement ☐ Change of Names	RADEMARK				
Other	Additional name(s) & address(es) attached?				
Execution Date: October 20, 2000	☐ yes ☑ no				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new appli	cation, the execution date of the application is:				
A. Patent Application No.(s) 09/671,176	B. Patent No.(s)				
Additional numbers					
5. Name and address of party to whom correspondence concerning document should be mailed:					
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLO	7. Total Fee (37 CFR 3.41): \$40.00				
2100 Pennsylvania Avenue, N.W.	☑ Enclosed. Please charge any underpayment in				
Suite 800 Weshington D.C. 20027 2212	connection with this Assignment to Deposit Account No. 19-4880.				
Washington, D.C. 20037-3213	☐ Authorized to be charged to Deposit Account				
	8. Deposit Account No.				
	19-4880				
	WRITE IN THIS SPACE				
9. Statement and Signature.					
To the best of my knowledge and belief, the foregoing is original document.	information is true and correct and any attached copy is a true copy of the				
Carry Mrs.	Ionuam 16, 2001				
Darryl Mexic Reg	January 16, 2001  No. 23,063  Date				
10g.	1.0. 25,000 Butc				
TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2					
OMB No. 0651-0011 (exp. 4/94)					
Do not detach this portion					
Mail documents to be recorded with required cover sheet information to:					
Assistant Commissioner of Patents					
Box Assignments Washington, D. C. 20231					
Washington, D.C. 20231					

01/23/2001 DBYRNE 00000015 09671176

01 FC:581

40.00 0

**PATENT REEL: 011435 FRAME: 0710** 

## Assignment

Whereas, I/We, Bum	Soo	KIM
--------------------	-----	-----

οŧ

6F., Abgujung Building, 599-4 Shinsa-dong, Kangnam-gu, Seoul, Republic of Korea

hereinafter called assignor(s), have invented certain improvements in FLASH MEMORY AND A METHOD FOR CONTROLLING THE SAME

and executed an application for Letters Patent of the United States of America therefor an

Whereas, Samsung Electronics Co., Ltd.
416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor:

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2:00 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/671,176, filed September 28, 2000) the filing date and application number of said application when known.

Date:	Oct. 20, 2000	s/ _	Bumsoo	Cim	 	 
			Bum Soo K	IM		
Date:		<b>s</b> /_			 	 
Date:		s/				 _
Date:		3 <i>/</i> _				 
Date:		s/			 	 -

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 01/16/2001