FORM PTO-1595 (Modified) (Rev. 03-01) OMB No 0651-0027 (exp.5/3\*/2002) P08A/REV03 01-24-2002



Docket No.: SEC.870

EET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark (1965)

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Tab settings → → → ▼	101938	po∪ <b>▼</b> •	▼	
To the Honorable Commission	er of Patents and Trademarks:	Please record the attached original documents or c	opy thereof.	
<ol> <li>Name of conveying party(ies): HONG, Sug-hun</li> </ol>	,	2. Name and address of receiving party(ies):		
/	14/00	Name: SAMSUNG ELECTRONICS CO., LTD	. La _	
0//.	14/00	Address: 416, Maetan-dong, Paldal-gu,	333(	
Additional names(s) of conveying party	(ies)			
3. Nature of conveyance:			21.0	
	☐ Merger			
☐ Security Agreement	☐ Change of Name	City: Suwon-city, Kyungki-do State/Prov.		
U Other		Country: Republic of Korea ZIP:		
Execution Date: January 2, 200	2	Additional name(s) & address(es) ☐ Yes ☒ No		
4. Application number(s) or pater	nt numbers(s):			
If this document is being filed t	together with a new application,	the execution date of the application is: January	2. 2002	
Patent Application No.	Filing date	B. Patent No.(s)		
NEW	JANUARY 14, 2002			
1/23/2002 GTON11 00000374 500238	10043330			
1 FC:581 40.00 CH	Additional numbers	☐ Yes 🛛 No		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:		
Name: ADAM C. VOLENTIN	NE	7. Total fee (37 CIFR 3.41):\$ 40.00	-	
Registration No. 33289		☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account		
Address: VOLENTINE FRAM	NCOS, PLLC			
12200 SUNRISE VALLEY DRI	VE, SUITE 150	Authorized to be charged to deposit accou	nt	
		8. Deposit account number:		
City: RESTON	State/Prov.: VA	50-0238		
Country: U.S.A.	ZIP: 20191	(Attach duplicate copy of this page if paying by deposit	account)	
	DO NOT	USE THIS SPACE		
<ol> <li>Statement and signature.</li> <li>To the best of my knowledge a of the original document.</li> </ol>	and belief, the foregoing inform	ation is true and correct and any attached copy is a	true copy	
ADAM C. VOLENTINE		JAN. 14, 2002		
Name of Person Signi	ing  Total number of pages including	Signature  Cover sheet, attachments, and		
	. J. L	and the state of t		

**REEL: 012484 FRAME: 0548** 

V O L E N T I N E FRANCOS, PLLC (9/2001)

## **ASSIGNMENT**

Insert Name(s)	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned			
of Inventor(s)	HONG, Sug-hun			
	and			
Insert Name(s) of Assignee(s)	the undersigned hereby sell(s) and assign(s) to			
Address	SAMSUNG ELECTRONICS CO., LTD.			
	of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, 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			
	SEMICONDUCTOR DEVICE HAVING TRENCH ISOLATION STRUCTURE AND METHOD OF			
Date of Signing of Application	FORMING THE SAME			
	for which an application for patent in the United States of America has been executed by the undersigned			
	on January 2,2002			
	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 continuation, 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 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.			

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and the firm of VOLENTINE	FRANCOS, P.L.L.C. tl	he power to insert on this a	89 and William S. Francos, Reg. No. 38,456, assignment any further identification which may Patent Office for recordation of this document.
			osite the undersigned name(s).
			-hun
Date	, Name of Inventor _	Sug-hun HONG	
Date	, Name of Inventor _		
Date	, Name of Inventor _		
Date	, Name of Inventor _		
least two witnesses w an Assignment even	ho sign here. However, f it has not been acknow	t is recommended that the the current practice of the ledged and/or witnessed.)	
	ACKN	IOWLEDGMENT	
This	day of		9, before me personally came the above-
named			
to me personally known as the executed the same of his (their	individual(s) who execu	ited the foregoing assignm	ent, who did acknowledge to me that he (they)
SEAL		Official S	ignature
		Official 7	Title
* * * * * * * * * * * * * * * *	******	* ** * * * * * * * * * *	*******
Applicant Reference No.:	SS-15648-US	Atty Docket No.:	SEC.870
Serial No.:		Filing Date:	
		Page 2 of 2	

RECORDED: 01/14/2002 REEL: 012484 FRAME: 0550