U.S. P7	-			MAII S	TOD ASSIGNMENTS
12/071426 02/21/2008		02-29-2008		MAIL STOP ASSIGNMENTS	
				Y	
TO THE COMMISSIONER (OF THE U.S. I	10348	35313		
Please record the attacl	ned original docum	ents or copy there	of as follows:		
1. NAME OF CONVEYING	PARTIES [ASSIGN	IOR(S)]:			
a. Yong-Bok AN c.			b. d.		
e.			f.		
g.	CONTEVINO DAD	TV///COLATTACU	h.		
ADDITIONAL NAME(S) OF	CONVEYING PAR	11 (1ES) ATTACH	ED! TAES MINO		
2. PARTIES [ASSIGNEE(S)	=	EREST:			
NAME: Hynix Semiconduc		on ohi			
ADDRESS: San 136-1, Am Kyoungki-do, 4	ii-n, Bubai-eub, ich 67-860, Republic d	•			
ryoungaroo, 4	o, ooo, Nopublio C				
ADDITIONAL NAME(S) & A	DDRESS(ES) ATT	ACHED? YES	⊠NO		
3. NATURE OF CONVEYA	NCE/DOCUMENT	•			
Assignment Assignm		signment of:		Conveyance docum	nent attached is a:
Change of Name Other:		☐ Part interest ☐ Whole interest			
				Certified do	cument
Execution Date(s) on the Co	nveyance/Docume	ent: November 29,	, 2004		
Execution Date(s) on the De	claration (if filed he	erewith): November	er 29, 2004		
	· · · · · · · · · · · · · · · · · · ·				
4. APPLICATION AND/OR a. Application Number(s)		R(S): First Inventor		dditional sheets attacl	hed? YES NO First Inventor
	- mattors, ito:	Transcrittor,		/ Matter No.	THE HOUSE SEA
(unassigned)	123037- 05007420con	Yong-Bok AN			,
5 NAME & ADDDESS OF		<u> </u>	6 NUMBER OF DR	ODERTIES INVOLVE	:D:
5. NAME & ADDRESS OF PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENT			6. NUMBER OF PROPERTIES INVOLVED: Applns 1 + Patents 0 = Total: 1		
SHOULD BE MAILED:			7. AMOUNT OF FEE DUE:		
Customer No. 22429			Above Total 1 x \$40 = \$40 (Fee Code 8021)		
Lowe Hauptman & Berner, LLF 1700 Diagonal Road, Suite 310			8. PLEASE CHARG	E TO:	
Alexandria, VA 22314			DEPOSIT ACCOU	JNT NO. <u>07-1337</u>	
			Under Order No.		5007420con Matter No.
9. To the best of my know	ledge and holist	the forcesing inf	ormation is true and	·	
9. To the best of my know copy of the original do	cument.	uie ioregoing int	omiation is true and (correct and any attac	cnea copy is a true
10 TOTAL NUMBER OF P	AGES (including (Cover shoot attack	ments and documents)· 3	
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	ignature	·		-	
Name of Attorney: Yoon S. Ham			Date: February 21	, 2008	1
Registration No. 45,307			•	5-7340 / Facsimile: (7	

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Assignment of Application

WHEREAS, (we),	AN, Yong-Bok			
residing at	San 136-1, Ami-ri, Bubal-eub, Ichon-shi, kyungki-do 467-860,			
Republic of Korea				
, respectively, have in	nvented certain new and useful improvements in:			
INTERNAL VOLTA	GE TRIMMING CIRCUIT FOR USE IN SEMICONDUCTOR			
MEMORY DEVICE	AND METHOD THEREOF			
for which an applicat	ion for Letters Patent was executed on			
(Application No.	, Filed); and			
WHEREAS,	Hynix Semiconductor, Inc.			
(hereinafter referred t	to as "ASSIGNEE"), having a place of business at:			
San 136-1, Ami-ri, B	ubal-eub, Ichon-shi, Kyoungki-do 467-860, Republic of Korea,			

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

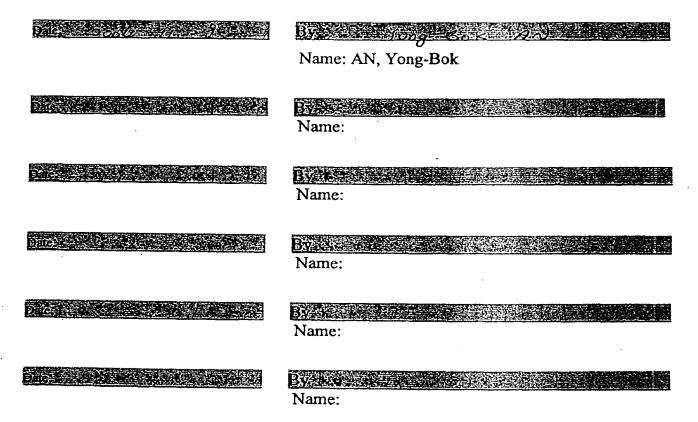
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute,

PATENT REEL: 020589 FRAME: 0314 renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

Assignor hereby grant(s) the law firm of PIPER RUDNICK LLP, P.O. Box 9271, Reston, VA 20195, 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 and Trademark Office for recordation of this document.



PATENT REEL: 020589 FRAME: 0315

RECORDED: 02/21/2008