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(Rev. 03/01)	102784844	U	J.S. PATENT AND TRADEMARK (OFFICE
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PYO, SUNG GYU 6290	Name:	Hynix Semiconduct		
	Street Address:	San 136-1, Ami-Ri, E	· .	
	Street Address:		oc 22581 10/87	
	City:	lchon-Shi, Kyungki-	10 00	
	State/Country:	Korea I	Postal Code: 467-860	
Additional name(s) of conveying party(ies) attached?	Yes X No Additional name(s) and additional name	resses attached? Yes X	No	
3. Nature of Conveyance:				
Assignment	☐ Change of Nan	ne		
Security Agreement	Other:			
☐ Merger	Execution Date:	06102004		
4. Application Number(s) or Patent Num	nber(s): 10878314			
Assignment is being filed together w	ith new application and the first ex	ecution date of applica	tion is : 06292004	.
Application has been filed already ar	nd the application filing date is:			
A. Patent Application Number(s):	B. Issued Patent Nun	nber(s):		
	Additional numbers attached?	es IXI No		
Name and address of party to whom concerning this matter should be mail		Total number of ap tions and patents in		-11
CUSTOMER NUMBI	ER 00136 -or-	7. Total Fee (37 CFR	3.41): \$40.00	
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Attorney Docket Number: P69893US	80	, , , , , , , , , , , , , , , , , , ,		
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8. Statement and Signature:				
To the best of my knowledge and bell copy of the original document.	ief, the foregoing information is tru	e and correct and any	attached copy is a true	ı
Yoon S. Ham/45,307	BMAL	the	June 29, 2003	
Name of Person Signing, Reg. No.	Signature		Date	
JCH 103-2/02	Total number of pages includ	ing cover sheet, attachme	ents, and documents:	-2-

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PATENT

REEL: 015525 FRAME: 0412

UNITED STATES OF AMERICA - ASSIGNMENT											
(1-5)	insert Name(s) of Inventor(s)	(1)	Sung	Gyu PYO							
		(2)	[
		(3)									
		(4)						- <i>-</i> -1			
	-	(5)						۰ - ۱			
	, , , , , , , , , , , , , , , , , , , ,		In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to								
(6)	Insert <u>Name</u> of Assignee	(6)	Hynix Semiconductor Inc.								
(7)	Insert <u>Address</u> of Assignee	(7)	of	San 136-1, A	mi-Ri, Bubal-Ue	p, Ichon-Sh	i, Kyungki-Do 467-860, Republic of	Korea			
(8)	Insert <u>Legal Entity</u> and <u>State or</u>	(8)		Corporation			of Republic of Korea				
	Country (e.g., a corporation or citizen of Korea)		(hereii its terr	nafter designa itories, depen	ited as the Assig dencies and pos:	inee) the ent sessions, in t	tire right, title and interest for the Uni the invention known as	ted States,			
(9)	Insert Identification of Invention	(9)					TOR IN SEMICONDUCT	OR			
102	such as Title, Case Number of Foreign Application Number	(0)	DEV		. 1.000.110	- 111100	star in odutanion.	-77			
		-1	for wh	ich the under	signed has (have	e) executed	an application for patent in the Unite June 29, 2004 (an	d States of			
(10)	Insert <u>Date</u> of signing of Application, or filing date and Serial No., if known	(10)	Said a		ring been execute Applicati) (an	d assigned			
							s application and any continuing or	r divisional			
and also	to execute separate assignment 2) The undersigned agree(s) to						/ deem necessary or expedient. rference which may be declared cond	erning this			
or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.											
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims											
provisions of the International Union 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 The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents 											
United States resulting from this application or any continuing or divisional 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.											
6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, right to sue for, and collect damages for, any and all acts of past and future infringement.											
right to	7) The undersigned hereby gran						Street, N.W., Washington, D.C.				
United S	the power to insert on this assign States Patent and Trademark Office In witness whereof, executed by the	e for rec	cordatio	n of this docu	ment.		desirable in order to comply with the	rules of the			
Date "	JUNE 10, 2004 Na			Sung Gyu F		iersigned nai	Sun Gen P(1)	(SEAL)			
	<u> </u>				Typed name		signature	(00,10)			
Date	Na:	ne of Inv	entor					(SEAL)			
Date	Na	ne of Inv	ontor		Typed name		signature	(SEAL)			
Jaic	i Nai	ne or my	GIIIOI		Typed name		sionature	(SEAL)			
Date	Naı	ne of Inv	entor					(SEAL)			
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This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If											
	the execution by the inventor(s)		e witne				ere:				
	ditional inventor's names and signal as a separate sheet.	atures		Witness	Joo Hee LEE						
	a coparate discot.			Witness	Hee Jung K	M	Was				
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