Commissioner of Patents & Trademarks ! 2	-11-2002		Was	shington, D.C.	20231				
Form PTO-1595	rm PTO-1595			U.S. DEPARTMENT OF COMMERCE					
			U.S. PATENT AND TRADEMARK OFFICE						
To the honorable Commissioner on 10	2307622	:hed origin	al document or co	py thereof:	PTO				
Name of Conveying Party(ies):	2. Name and Addr	ess of Receiving P	arty(ies):		S				
HONG, JI SUK	Name:	Hynix Semicono	Semiconductor Inc.						
	Street Address:	Street Address: San 136-1, Ami-Ri, Bubal-Uep			JC971 U.				
	Street Address:				JC				
	City:	lchon-Shi, Kyungki-Do							
	State/Country:	Korea	Postal Code:	467-860					
Additional name(s) of conveying party(ies) attached?	Additional name(s) and add	resses attached? Yes	X No						
3. Nature of Conveyance: MRD 12-6-02									
Assignment	☐ Change of Nar	ne							
Security Agreement	Other:								
☐ Merger	Execution Date:	11182002							
4. Application Number(s) or Patent Number(s):									
Assignment is being filed together with new application and the first execution date of application is:									
Application has been filed already and the application filing date is:									
A. Patent Application Number(s):	B. Issued Patent Nun	nber(s):							
10310 868 Additional numbers attached? Yes X No									
Name and address of party to whom corresponder concerning this matter should be mailed:	nce	6. Total number of tions and pater	• •	1					
CUSTOMER NUMBER 00136	-or-	7. Total Fee (37 (CFR 3.41):	\$ 40.00					
JACOBSON HOLMAN PLLO		X Enclosed							
400 Seventh Street, N.W. Washington, D.C. 20004-221	X Any deficiencies in enclosed fees are								
Tel. 202-638-6666	0	authorized to be charged to Deposit							
Attorney Docket Number: P68392US0	Account No.	06-1358.							
DO NOT USE THIS SPACE									
8. Statement and Signature:									
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.									
Yoon S. Ham/45,307	Stral B	2	Decembe	er 6, 2002					
Name of Person Signing, Reg. No.	Signature	M	Date						
Total number of pages including cover sheet, attachments, and documents: -2-									
JCH 103-2/02	······································								

PATENT REEL: 013551 FRAME: 0186

(1-5)	Insert Name(s) of Inventor(s)	(1)	Ji Suk HONG			
		(2)				
		(3)				
		(4)		·		
		(5)				
		i	paid to each of the	n of the sum of one dollar e undersigned, the receip ereby assigns, transfers a	(\$1.00), and other good and va that and sufficiency of which are had sets over to	aluable considerations nereby acknowledged,
(6)	Insert <u>Name</u> of Assignee	(6)	Hynix Semicondu	ictor Inc.		
(7)	Insert <u>Address</u> of Assignee	(7)	of San 136-1 ,	Ami-Ri, Bubal-Uep, Icho	n-Shi, Kyungki-Do 467-860, Re	epublic of Korea
(8)	Insert <u>Legal Entity</u> and <u>State or</u> <u>Country</u> (e.g., a corporation or citizen of Korea)	(8)		nated as the Assignee) th	of Republic of Korea e entire right, title and interest s, in the invention known as	for the United States,
(9)	Insert Identification of Invention, such as Title. Case Number of		I		FACTURING THE SAME, AND	METHOD OF
	Foreign Application Number		_ 		TERN OF USING THE PHOTO	
	f (10)	for which the unde Said application ha	ersigned has (have) exectiving been executed/filed	uted an application for patent in on December 6, 200	the United States of 02 (and assigned	
Application, or filing date and Serial No., if known		<u> </u>	Serial No. Net	w Application)	
United Sinterest, executeright to 20004, the United States	3) The undersigned agree(s) to us of the International Union for Pit 4) The undersigned agree(s) to 5) The undersigned hereby authorized and hereby covenants that he Pit 4, and will not execute any agreen 6) Assignor hereby further assigner hereby gran he power to insert on this assignitiates Patent and Trademark Official witness whereof, executed by the	perform perform norize(s) tion or a nas (they nent in or igns to a any and t(s) the l ment any e for rec	of Industrial Proper all affirmative acts wand request(s) the my continuing or divided have) full right to conflict herewith. Assignee all claims all acts of past and further identification of this documents of this documents are the second second have the second second have the second second second have the second	ty or similar agreements. which may be necessary to Commissioner of Patents visional applications ther convey the entire interest and causes of action for future infringement. n Holman PLLC, 400 Sen which may be necessariment.	to obtain a grant of a valid United and Trademarks to issue any a seof to the said Assignee, as A st herein assigned, and that he or infringement of the patent rigorenth Street, N.W., Washington, by or desirable in order to complete	d States patent to the and all Letters Patents assignee of the entire has (they have) not other assigned herein, D.C.
Date		ne of Inv				(SEAL)
Date	Nor	ne of Inv	entor	Typed name	signatı	ure (SEAL)
Date		ne of Inv		Typed name	signati	
Date	Nar	ne of inv	entor	Typed name	signati	
Date	Nar	ne of Iпv	entor	Typed name	signati	(SEAL)
not, then	This assignment should preferable the execution by the inventor(s) s	ly be sigi	ned before a United witnessed by at le	Typed name States Consul if signed a ast two witnesses who sic	ا broad, or a Notary Public if dome in here: ﴿ اَ	
Additional inventor's names and signatuon a separate sheet.			Witness	Jin Seok KIM	Jin Sak Ka	
, 0,1,	o coparate officer		Witness	Keun Yong CHOI	Keem Vone	hi
IU 5/01	(Copying without deletions permit		JACOBS PROFESSIONAL LII THE JEI 400 SEVEI	OFFICES OF SON HOLMAN MITED LIABILITY COMPANIFER BUILDING NTH STREET, N.W. GTON, D.C. 20004	ANY	

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PATENT REEL: 013551 FRAME: 0187