

04-10-2003



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	Attorney Docket No.: 054216-5044
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1. Young Bok LEE 1. Young Bok LEE	Name: Hynix Semiconductor Inc.
2. Sung Mun JUNG	
3. Jung Ryul AHN	T-41 A 11
Additional manage of community and the decided at the decided	Internal Address:
Additional names of conveying party(ies) attached? [] Yes [X] No	
	Street Address: San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea
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Execution Date: March 4, 2003	[]Yes [X] No
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4. New Application number(s) or patent number(s): 10/.	321,720
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A. Patent Application No.(s) Additional numbers attached: [] Yes ⋈ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert J. Gaybrick Internal Address: Morgan, Lewis & Bockius LLP Customer No. 09629 Street Address: 1111 Pennsylvania Avenue, N.W. City: Washington State: D.C. Zip: 20004 9. Statement and Signature To the best of my knowledge and belief, the foregoing inforcopy of the original document. Robert J. Goodell Reg. No. 41,040 Name of Person Signing	b. Patent No.(s) 6. Total number of applications and patents involved: 7. Total fee (37 C.F.R. §3.41): _\$40.00 [] Enclosed [X] Authorized to be charged to Deposit Account 50-0310 8. Deposit Account No. 50-0310 (Attach duplicate page if paying by deposit account)

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PATENT REEL: 013926 FRAME: 0575

ATTORNEY DOCKET NO: 054216-5044 SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD FOR MANUFACTURING FLASH MEMORY DEVICE

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on December 18, 2002 , (Application No. 10/321,720); and

WHEREAS, Hynix Semiconductor Inc., a corporation of Republic of Korea, whose post office address is San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/321,720 , filed December 18, 2002) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s):

Full Name of Sole or First Assignor	Assignor's Signature	Date		
Young Bok LEE	cee Jourshole	March 4, 2003		
Address		Citizenship		
Ihwa Apt. 101-201, 97, Eungam-Ri, Bubal-Uep, Ichon-Shi,		Republic of Korea		
Kyungki-Do, Republic of Korea		•		
Names of additional inventors attached [X] Yes [] No				
Full Name of Second Assignor	Assignor's Signature	Date		
Sung Mun JUNG	JUNG Sung M.m	March 4, 2003		
Address	J	Citizenship		
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Yeoju-Gun, Kyungki-Do, Republic of Korea				
Names of additional inventors attached [X]Yes []No				

PATENT REEL: 013926 FRAME: 0576

ATTORNEY DOCKET NO: 054216-5044 SOLE/JOINT INVENTION (U.S. Rights Only) Page 2

Full Name of Third Assignor	Assignor's Signature	Date		
Jung Ryul AHN	ALTH Jung ryal	March 4, 2003		
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Kyungki-Do, Republic of Korea				
Names of add	[X] No			
Full Name of Fourth Assignor	Assignor's Signature	Date		
Address		Citizenship		
		Republic of Korea		
	litional inventors attached [] Ye	s [] No		
Full Name of Fifth Assignor	Assignor's Signature	Date		
Address		Citizenship		
		Republic of Korea		
Names of additional inventors attached [] Yes [] No				

RECORDED: 04/02/2003

PATENT REEL: 013926 FRAME: 0577