07-10-2007

FORM PTO-1595 (Rev. 08/05) Docket No.: 070679-0259



F

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 070679-0259 10342	5065
To the Director of the O. S. Patent and Trax	ocuments of the new address(es) below.
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)
Kang-Seol LEE, Seok-Cheol YOON	Name: HYNIX SEMICONDUCTOR INC.
<u>.</u>	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of Conveyance/Execution Date(s)	Address: San 136-1, Ami-ri, Bubal-eub, Ichon-shi,
	Kyoungki-do, 467-860, Republic of KOREA
Execution Date(s): June 27, 2007	
☐ Security Agreement ☐ Change of Name	
Joint Research Agreement	
Government Interest Assignment	
Executive Order 9424, Confrmatory License	
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	This document is being filed together with a new application
A. Patent Application No(s).	B. Patent No(s).
Additional numbers attac	hed? Tyes No
5. Name and address to whom correspondence concerning	6. Total number of applications and patents 1
document should be mailed:	involved:
Name: MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 600 13th Street, N.W.	
	☐ Enclosed
	☐ None required (government interest not affecting title)nt
City: Washington State: D. C. Zip: 20005-3096	None required (government interest not affecting title)nt
Ony. Wallington	None required (government interest not affecting title)nt
Phone Number: 202.756.8000	None required (government interest not affecting title)nt
Phone Number: 202.756.8000 Fax Number: 202.756.8087	None required (government interest not affecting title)nt 8. Payment Information:
Phone Number: 202.756.8000	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 202.756.8000 Fax Number: 202.756.8087	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417
Phone Number: 202.756.8000 Fax Number: 202.756.8087	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417
Phone Number: 202.756.8000 Fax Number: 202.756.8087	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name
Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address: 9. Signature.	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name
Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address: 9. Signature. Stephen A. Becker, 26, 527	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name (Reg. Na. 46, 429) June 29, 2007 Signature
Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address: 9. Signature. Stephen A. Becker, 26, 527	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name (Reg. Na. 46, 429) June 29, 2007 Signature
Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address: 9. Signature. Stephen A. Becker, 26, 527	None required (government interest not affecting title)nt 8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name (Reg. Na. 46, 429) June 29, 2007 Signature

PATENT REEL: 019546 FRAME: 0623

(SAB)		
Docket No.:		
ASSI	CNMENT	
In consideration of the premises and other good and valuable consideration in hand paid, the rece ipt and sufficiency of which is hereby acknowledged, the undersigned, LEE, Kang-Seol and YOON, Seok-Cheol		
who has made a certain new and useful invention, Hynix Semiconductor Inc.	hereby sells, assigns and transfers unto	
its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled WORD LINE DRIVING METHOD OF SEMICONDUCTOR MEMORY DEVICE		
(a) for which an application for U	Jnited States Letters Patent was filed on and identified by United States Serial No.	
; or		
(b) for which an application for Un	nited States Letters Patent was executed on	
Trademarks to issue any and all United States Let all extensions, divisions, reissues, continuations, benefits under the International Convention fo ASSIGNEE, for its interest as ASSIGNEE, its	ters Patent which may be granted therefor and any and or continuations-in-part thereof, and the right to all r the Protection of Industrial Property to the said s successors, assigns and legal representatives; the a said application shall hereafter act on behalf of said	
assistance in making application for and obtain Patent of the United States, upon request of the representatives, and without further remuneration and the control of the representatives.	transfer a like interest, and to render all necessary ing original, divisional, reissued or extended Letters e said ASSIGNEE, its successors, assigns and legal in, in and to any improvements, and applications for the said invention; and to execute any papers by the representatives, deemed essential to ASSIGNEE's full transferred.	
SIGNED on the date indicated aside my signature:	:	
INVENTOR	DATE SIGNED	
LEE KANG SEOL.	June27,2007	
Name: LEE, Kang-Seol		

PATENT REEL: 019546 FRAME: 0624 INVENTOR

DATE SIGNED

Your Seole Cheol
Name: YOON, Seok-Cheol

June 27 ,2007

PATENT

RECORDED: 06/29/2007 REEL: 019546 FRAME: 0625