Form PTQ-1595 (Res. 083/5) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Offi
RECORDATION FORM COVER SHEET	
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Jin S. Park	Name: HYNIX SEMICONDUCTOR INC.
Additional name(s) of conveying party(les) attached?	Street Address:
Nature of conveyance/Execution Date(s):	
Execution Date: June 1, 2004  X Assignment Merger Change of Name	San 136-1, Ami-ri, Bubal-uep
Security Agreement Joint Research Agreement	Cinc.
Government Interest Assignment	City: Ichon-shi
Executive Order 9424, Confirmatory License	State: Kyungki-do
Other	Country: Republic of Korea Zip:
	Additional name(s) & address(es) Yes X No
A. Patent Application No.(s)	This document is being filed together with a new application.  B. Patent No.  7,212,439
Additional numbers attached	? Yes X No
Name and address to whom correspondence concerning document should be mailed:     Name: Anthony G. Sitko	6. Total number of applications and patents involved:
MARSHALL, GERSTEIN & BORUN LLP Internal Address: Atty. Dkt.: 29936/40337 Street Address: 233 S. Wacker Drive, Suite 6300 Sears Tower	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
City: Chicago	8. Payment information
State:         IL         Zip:         60606-6357           Phone Number:         (312) 474-6300	a. Credit Card Last 4 Numbers
Fax Number: (312) 474-0448	Expiration Date b. Doposit Account Number 13-2855
Email Address:	Authorized User Name Anthony G. Sitko
9. Signature: Signature Signature	May 17, 2007 Date
Anthony G. Sitko - 36,278 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 3
Traceby certify that this paper (along with any paper referred to as being attached of enclosed) is being transmitted by facsimile to the Patent and Trademark Office (acsimile no. (571) 273-0140, art floadate shown below	
Dated May 17, 2007 Signature	(Anthony G. Srike)

PATENT REEL: 019317 FRAME: 0199

Attorney Docket: 29936/4033

## ASSIGNMENT

Serial No: 10/888,067

Filed: July 9, 2004

Title:

NAND FLASH MEMORY DEVICE AND METHOD OF PROGRAMMING THE SAME

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign(s) to <a href="Hynix Semiconductor Inc.">Hynix Semiconductor Inc.</a>, of San 136-1, Ami-Ri, <a href="Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea">Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea</a>, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other U.S. applications which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee. The undersigned also hereby authorizes the attorneys of Marshall, Gerstein & Borun to insert the filing date and serial number of this application in the blanks above when they become known.

The undersigned warrant(s) themselves (himself/herself) to be the owners (owner) of the interest herein assigned and to have the right to make this assignment and further warrant(s) that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree(s), upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree(s) upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent in the United States and to vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its 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 and enjoyed by the undersigned if this assignment and sale had not been made.

> PATENT REEL: 019317 FRAME: 0200

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ik MarshallGerstein

Page 3

Attorney Docket:

SIGNED:

Date: <u>JUNE 1,2004</u>

Name: Jin Su PARK

PATENT REEL: 019317 FRAME: 0201

**RECORDED: 05/17/2007**