tm PTO-1595 (Rev. 08/05) //8 No. 0651-0027 (exp. 8/30/2008)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Offi
RECORDATION FOR	RM COVER SHEET
PATENTS	S ONLY
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
1. Name of conveying party:	2. Name and address of receiving party(ies)
Hea Jong Yang	Name: HYNIX SEMICONDUCTOR INC.
Additional name(s) of conveying party(ies) attached?	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date: June 18, 2007	San 136-1, Ami-ri, Bubal-eup
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Icheon-si
Government Interest Assignment	State: Gyeonggi-do
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 467-701
Other	Additional name(s) & address(es) Yes X No attached?
Application or patent number(s): A. Patent Application No.(s) 11/770,872	This document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached?	Yes X No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and1
ame: Anthony G. Sitko MARSHALL, GERSTEIN & BORUN LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
ternal Address: Atty. Dkt.: 29925/42795 treet Address: 233 S. Wacker Drive, Suite 6300 Sears Tower	Authorized to be charged by credit card       X     Authorized to be charged to deposit account       Enclosed     None required (government interest not affecting title)
ity: Chicago	8. Payment Information
ate: IL Zip: 60606-6357	a. Credit Card Last 4 Numbers
one Number: (312) 474-6300	Expiration Date
x Number: (312) 474-0448	b. Deposit Account Number 13-2855
nail Address:	Authorized User Name Anthony G. Sitko

9. Signature:		
	July 11, 2007	
Signature	Date	
Anthony G. Sitko - 36,278	Total number of pages including cover 3	
Name of Person Signing	sheet, attachments, and documents:	

I hereby certify that this paper (along with any Trademark Office, facsimile no. (671) 273-01	y paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and 40, on the defe shown below.
Dated: July 11, 2007-07-02	Signature: (Anthony G. Sitko)

# PATENT REEL: 019547 FRAME: 0307

## 700333171

#### ASSIGNMENT

Serial No. 11/770,872

Filed: June 29, 2007

#### Title: METHOD FOR ERASING DATA OF NAND FLASH MEMORY DEVICE

For \$10.00 (Ten Dollars) and other good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to Hynix Semiconductor Inc., of San 136-1, Ami-ri, Bubal-enp, Icheon-si, Gyeonggi-do, Republic of Korea, 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, executed by the undersigned on, <u>June 18, 2007</u> and in said application and any and all other applications, both United States and foreign, 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 and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.  $\frac{\frac{4}{3}\left|1\right|^{2}}{\left|1\right|^{2}}$ 

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

aff iş

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

For said consideration the undersigned hereby agree, 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, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree 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 tequest, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and 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

ENTRY AND ANER

178.107.2.157 / 2007 05. 30 09 - 01 / 334130 / 884130

### PATENT REEL: 019547 FRAME: 0308

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.

Date:	June 18, 2007 Signature: Child May
Date:	Signature:

Mignix ANEH

## **RECORDED: 07/11/2007**

2

REEL: 019547 FRAME: 0309