07-09-2007

FORM PTO-1595 (Rev. 08/05)

OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.: 070679-0279 103424178 To the Director of the U. S. Patent and Trademark Office. Ficus ocuments or the new address(es) below. 1. Name of Conveying Party(ies) 2. Name and address of receiving party(ies) Dong-Keun KIM Name: HYNIX SEMICONDUCTOR INC. Internal Address: Additional name(s) of conveying party(ies) attached? \(\begin{aligned} \text{Yes} \\ \\ \end{aligned} \text{No} \end{aligned} 3. Nature of Conveyance/Execution Date(s) Address: San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Execution Date(s): June 27, 2007 Kyongki-do 467-860, Republic of Korea ■ Assignment Merger Security Agreement ☐ Change of Name ☐ Joint Research Agreement Government Interest Assignment Executive Order 9424, Confrmatory License Additional name(s) & address(es) attached? \( \subseteq \text{Yes} \subseteq \text{No} \) Other 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 attached? 
Yes No 5. Name and address to whom correspondence concerning 6. Total number of applications and patents document should be mailed: involved: \$40.00 Name: MCDERMOTT WILL & EMERY LLP 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account ☐ Enclosed Street Address: 600 13th Street, N.W. None required (government interest not affecting title)nt 20005-3096 D.C. Zip: State: City: Washington 8. Payment Information: 202.756.8000 Phone Number: 202.756.8087 Fax Number: Last 4 Numbers Credit Card Email Address: **Expiration Date** Deposit Account Number 500417 Authorized User Name 9. Signature. Jur 28, 2007 Stephen A. Becker, 26,527 ≡Date Signature Name and Registration No. of Person Signing Total number of pages including cover sheet, attachments and documents:

> PATENT REEL: 019528 FRAME: 0896

(SAB)	
Docket No.:	
<u>ASSIGNMENT</u>	
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, KIM, Dong-Keun	
who has made a certain new and useful invention, hereby sells, assigns and transfers unto Hynix Semiconductor Inc.	
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 SEMICONDUCTOR MEMORY DEVICE	
(a) for which an application for United, and; or	States Letters Patent was filed on dentified by United States Serial No.
(b) for which an application for United St	tates Letters Patent was executed on
and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;	
AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.	
SIGNED on the date indicated aside my signature:	
INVENTOR	June 27 , 2007
ATTA Dang Kaun	oune 2, / 200

ا ماسرد تراسي

**RECORDED: 06/28/2007** 

PATENT REEL: 019528 FRAME: 0897