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01-07-2005

Docket No.: 312973-P0203

FORM PTO-1595  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102915674

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2. Name and address of receiving party(ies):

PARK, KI-CHON

Name: Hynix Semiconductor Inc.

Address: San 136-1, Ami-ri, Bubal-eub, Ichon-shi  
Kyeongki-do, Republic of Korea

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 11292004

Additional name(s) and address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 12232004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No. 47604  
or  
PIPER RUDNICK LLP  
P.O. Box 9271  
Reston, VA 20195

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-3266

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Yoon S. Ham

December 23, 2004

Name of Person Signing

Signature

Date

Registration Number: 45,307

Total number of pages including this cover sheet: 3

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Mail documents to be recorded with required cover sheet information to:

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112847 U.S. PTO  
11/019190



12/28/2004 AOSMAN1 00000013 11019190

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## Assignment of Application

WHEREAS, (we), PARK, Ki-Chon  
 residing at San 136-1, Ami-ri, Bubal-eub, Ichon-shi, kyungki-do 467-860,  
Republic of Korea

, respectively, have invented certain new and useful improvements in:

SEMICONDUCTOR MEMORY DEVICE WITH REDUCED SKEW ON DATA LINE

for which an application for Letters Patent was executed on \_\_\_\_\_

(Application No. \_\_\_\_\_, Filed \_\_\_\_\_); and

WHEREAS, Hynix Semiconductor, Inc.  
 (hereinafter referred to as "ASSIGNEE"), having a place of business at:  
San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do 467-860, Republic of Korea,

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's 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 by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute,

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 REEL: 016122 FRAME: 0623**

renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

Assignor hereby grant(s) the law firm of PIPER RUDNICK LLP, P.O. Box 9271, Reston, VA 20195, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2004. 11. 29

By Park, Ki chon

Name: PARK, Ki-Chon

Date: \_\_\_\_\_

By \_\_\_\_\_

Name:

Date: \_\_\_\_\_

By \_\_\_\_\_

Name:

Date: \_\_\_\_\_

By \_\_\_\_\_

Name:

Date: \_\_\_\_\_

By \_\_\_\_\_

Name:

Date: \_\_\_\_\_

By \_\_\_\_\_

Name:

**PIPER RUDNICK LLP**