



RE

103253216  
**PATENTS 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(ies)/Execution Date(s):**

- 1) CHANG, Heon Yong  
2) HONG, Suk Kyoung  
3) PARK, Hae Chan

Execution Date(s) May 17, 2006

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**2. Name and address of receiving party(ies)**

Name: HYNIX SEMICONDUCTOR INC.

Internal Address: \_\_\_\_\_

Street Address: San 136-1, Ami-ri,

Bubal-eub, Icheon-si, Kyoungki-do,

Republic of Korea

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

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 attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Richard J. Streit

Internal Address: \_\_\_\_\_

Street Address: c/o Ladas &amp; Parry

224 South Michigan Avenue

City: Chicago

State: Illinois Zip: 60604

Phone Number: (312) 427-1300

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 12-0400

Authorized User Name Ladas &amp; Parry LLP

**9. Signature:**

Joseph P. Krause

Signature

June 2, 2006

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

---

**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

---

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNOR:**

Name : Heon Yong CHANG

Address : 103-702, World Meridian, 600 Uman-dong, Paldal-gu, Suwon-si, Kyoungki-do, Korea

Name : Suk Kyoung HONG

Address : 809-505, Jugong Apt., Burim-dong, Gwacheon-si, Kyoungki-do, Korea

Name : Hae Chan PARK

Address : 302, Donghwa Officetel, 897-17, Bongcheon 4-dong, Gwanak-gu, Seoul, Korea

(INVENTOR NAME AND ADDRESS)

hereby sells, assigns and transfers to

**ASSIGNEE:**

Name : Hynix Semiconductor Inc.

Address : San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyoungki-do, Korea

(ASSIGNEE NAME AND ADDRESS)

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the invention entitled:

PHASE CHANGE RAM DEVICE AND METHOD FOR FABRICATING THE SAME

(TITLE)

and which is found in *(check one applicable item below)*

☒ U.S. patent application executed on even date herewith

☐ U.S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

May 17, 2006

Date

  
INVENTOR: Heon Yong CHANG

May 17, 2006

Date

  
INVENTOR: Suk Kyoung HONG

May 17, 2006

Date

  
INVENTOR: Hae Chan PARK

0699P/1