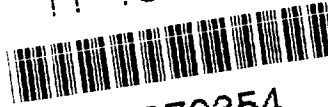


11-13-2002

FORM PTO-1595
(Rev. 6-93)



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ENTRIES ONLY

DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 041501-5492

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Hee Bok KANG
Hun Woo KYE
Duck Ju KIM
Je Hoon PARK

11/04/02

Additional names of conveying party(ies) attached?

Yes No

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

Name: HYNIX SEMICONDUCTOR INC.

Internal Address:

Street Address: San 136-1, Ami-ri, Bubal-eub, Ichon-shi,
Kyoungki-do, Korea

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: October 28, 2002

City:

State:

Zip:

Additional name(s) & address(es) attached?

Yes No

4. New Application number(s) or patent number(s): **NEW APPLICATION**

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

October 28, 2002

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:

Name: Robert J. Gaybrick

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629

Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

Enclosed

Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

(Attach duplicate page if paying by deposit account)

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.

Robert J. Goodell, Reg. No. 41,040

Name of Person Signing

RAJW
Signature

November 4, 2002

Date

Total number of pages including cover sheet, attachments and documents: 3

11/12/2002 DBYRME 00000051 500310 10286913

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PATENT
REEL: 013468 FRAME: 0390

PTO
10/28/02
11/04/02

ATTORNEY DOCKET NO: 041501-5492
SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

NONVOLATILE FERROELECTRIC MEMORY DEVICE
AND METHOD FOR OPERATING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Serial No. _____); and

WHEREAS, Hynix Semiconductor Inc., a corporation of Korea, whose post office address is San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do, Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____ filed _____) the filing date and application number of said application when known. November 4, 2002

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor	Assignor's Signature	Date
Hee Bok KANG	<i>Kang Hee Bok</i>	2002. 10. 28
Address		Citizenship
Kyongnam APT., 109-203, Toma 2-dong, So-gu, Taejon-kwangyokshi, Korea		Republic of Korea
Full Name of Second Assignor	Assignor's Signature	Date
Hun Woo KYE	<i>Hun Woo, KYE</i>	2002. 10. 28
Address		Citizenship
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Names of additional inventors attached Yes No

Morgan, Lewis & Bockius LLP

-WA/1729843.1

ATTORNEY DOCKET NO: 041501-5492
 SOLE/JOINT INVENTION
 (U.S. Rights Only)

Full Name of Third Assignor	Assignor's Signature	Date
Duck Ju KIM	<i>Kim Duck Ju</i>	2002. 10. 28
Address 1048, Iho 2-dong, Cheju-shi, Cheju-do, Korea		Citizenship Republic of Korea
Full Name of Fourth Assignor	Assignor's Signature	Date
Je Hoon PARK	<i>Park Jehoon</i>	2002. 10. 28
Address Chongsolhanra APT., 307-1403, 181, Kungok-dong, Pundang-gu, Songnam-shi, Kyonggi-do, Korea		Citizenship Republic of Korea

Names of additional inventors attached Yes No

Morgan, Lewis & Bockius LLP

1-WA/1690563.t

PATENT

RECORDED: 11/04/2002

REEL: 013468 FRAME: 0392