

01-08-2007



U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08244.0097
Attorney Customer Number: 22,852

To the Director of the U.S. Patents and

103357708

red original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Ki-Seon PARK
- 2) Jae-Sung ROH
- 3) Deok-Sin KIL
- 4) Han-Sang SONG
- 5) Seung-Jin YEOM
- 6) Jin-Hyock KIM
- 7) Kee-Jeung LEE

Additional name(s) 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 467-860,
Republic of Korea

City:

State:

Zip Code:

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

☐ Yes

☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date: December 22, 2006

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

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

☒ This document is being filed together with a new application.

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached?

☐ Yes

☒ No

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

Name: Mr. Ernest F. Chapman

12/29/2006 SSITHIB1 00000074 11646481
05 FC:8021

(40.00 OP)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

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

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account No.: 06-0916

Authorized User Name _____

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.

Ernest F. Chapman
Reg. No. 25,961

Signature

December 28, 2006
Date

Total number of pages including cover sheet, attachments and documents: 4

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: METHOD FOR FABRICATING A CYLINDRICAL CAPACITOR USING AMORPHOUS CARBON-BASED LAYER;

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 REPUBLIC OF KOREA whose post office address is San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do 467-860, Republic of Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other 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, provisional application Serial No. _____, filed _____ (if any), 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 all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, 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 covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with 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 any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or 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 and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of _____

State of _____

Name: PARK, Ki-Seon
Address San 136-1, Ami-ri, Bubal-eub, Ichon-shi
Kyoungki-do 467-860, Republic of Korea

SIGNATURE Ki Seon Park
DATE December 22, 2006

Subscribed and sworn to before me this _____ day of _____, 2006.
_____, Notary Public

County of _____

Name ROH, Jae-Sung
 Address San 136-1, Ami-ri, Bubal-eub, Ichon-shi
Kyoungki-do 467-860, Republic of Korea

State of _____

SIGNATURE Roh, Jae-Sung
 DATE December 22, 2006

Subscribed and sworn to before me this _____ day of _____, 2006..
 _____, Notary Public

County of _____

Name KIL, Deok-Sin
 Address San 136-1, Ami-ri, Bubal-eub, Ichon-shi
Kyoungki-do 467-860, Republic of Korea

State of _____

SIGNATURE Kil, Deok-Sin
 DATE December 22, 2006

Subscribed and sworn to before me this _____ day of _____, 2006..
 _____, Notary Public

County of _____

Name SONG, Han-Sang
 Address San 136-1, Ami-ri, Bubal-eub, Ichon-shi
Kyoungki-do 467-860, Republic of Korea

State of _____

SIGNATURE Song, Han Sang
 DATE December 22, 2006

Subscribed and sworn to before me this _____ day of _____, 2006..
 _____, Notary Public

County of _____

Name YEOM, Seung-Jin
 Address San 136-1, Ami-ri, Bubal-eub, Ichon-shi
Kyoungki-do 467-860, Republic of Korea

State of _____

SIGNATURE Yeom, Seung Jin
 DATE Decemebr 22, 2006

Subscribed and sworn to before me this _____ day of _____, 2006..
 _____, Notary Public