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RE

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

| To the Honorable Commissioner of Patents and Trademarks | s: Please record the attached original documents or copy thereof. | | |
|---|---|--|--|
| 1. Name of conveying party(ies): MAENG, Jong Sun | 2. Name and address of receiving party(ies) Name: HYNIX SEMICONDUCTOR INC. | | |
| | Internal Address: | | |
| Additional name(s) of conveying party(ies) attached? 📮 Yes 🙀 No | | | |
| 3. Nature of conveyance: | | | |
| Assignment | Street Address: San 136-1, Ami-ri, | | |
| Security Agreement Change of Name | Bubal-eub, Ich'on, Kyoungki-do, | | |
| Other | Republic of Korea | | |
| | City:State:Zip: | | |
| Execution Date: June 7, 2004 | Additional name(s) & address(es) attached? 📮 Yes 🙀 No | | |
| 4. Application number(s) or patent number(s): | 874928 June 7, 2004 | | |
| If this document is being filed together with a new app | olication, the execution date of the application is: | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | |
| | | | |
| Additional numbers | attached? 🖳 Yes 🙇 No | | |
| | 6. Total number of applications and patents involved: | | |
| concerning document should be mailed: | 7. Total fee (37 CFR 3.41)\$ 40.00 | | |
| Name: Richard J. Streit | Enclosed | | |
| Internal Address: | Enclosed | | |
| | Authorized to be charged to deposit account | | |
| | 8. Deposit account number: | | |
| Street Address: c/o Ladas & Parry | 10.000 | | |
| 224 South Michigan Avenue | 12-0400 | | |
| City: Chicago State: IL Zip: 60604 | (Attach duplicate copy of this page if paying by deposit account) | | |
| DO NOT US | L SE THIS SPACE | | |
| 9. Statement and signature. | | | |
| ~ | information is true and correct and any attached copy | | |
| Richard J. Streit | June 23, 2004 | | |
| Richard J. Streit | | | |

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 40.00 00

PATENT

REEL: 015518 FRAME: 0379

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: Jong Sun MAENG

Address: IR Part, LP2 Team, 1 Hyangjeong-dong, Heugndeok-gu, Cheongju,

Chungcheongbuk-do, Korea

(INVENTOR NAME AND ADDRESS)

hereby sells, assigns and transfers to

ASSIGNEE:

Name: Hynix Semiconductor Inc.

Address: San 136-1, Ami-ri, Bubal-eub, Ich'on, 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:

METHOD FOR FORMING LOW-K DIELECTRIC LAYER OF SEMICONDUCTOR DEVICE

(TITLE)

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

| ☑ U.S. patent application execute | ed 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 convenants 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 convenants 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

PATENT REEL: 015518 FRAME: 0380 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

| June 7, 2004 | E- |
|--------------|--------------------------|
| Date | INVENTOR: Jong Sun MAENG |
| Data | INITENTOR. |
| Date | INVENTOR: |
| | |

0699P/1

RECORDED: 06/23/2004

PATENT REEL: 015518 FRAME: 0381