| | 10-16-199 | 98 |
|---|----------------------|--|
| FORM PTO-1595 (Rev. 6-93) MRD D-5-98 RE(OMB No. 0651-0011 (exp. 4/94) | | 4 Hili 816: 385; |
| To the Honorable Commissioner of E. | 10085123 | attached original documents or copy thereof. |
| 1. Name of conveying party(ies): | | 2. Name and address of receiving party(ies): [2: 23 |
| Jin Seon Yeom | | Name: Samsung Electronics, Co., Etd. |
| | | Internal Address: |
| Additional name(s) of conveying party(ies) attached? | □ Yes ⊠ No | |
| 3. Nature of conveyance: | | Street Address: 416, Maetan-dong, Paldal-gu, |
| | | Suwon-city, Kyungki-do, Republic of Korea |
| Assignment | □ Merger | |
| □ Security Agreement | □ Change of Name | City: State ZIP |
| □ Other | | |
| Execution Date: September 15, 1993 | 8 | Additional name(s) & address attached? 🛛 Yes 🖂 No |
| 4. Application number(s) or patent number(s) If this document is being filed together with a A. Patent Application No.(s) 09/122,555 Filed July 24, 1998 Add | | B. Patent No.(s) |
| 5. Name and address of party to whom corre document should be mailed: | spondence concerning | 6. Total number of applications and registrations 1 |
| Name: Steven M. Mills, Esq. | | |
| Internal Address: Lappin & Kusmer 1 | LP | 7. Total fee (37 CFR 3.41) \$40.00 |
| | | □ Authorized to be charged to deposit account |
| Street Address: 200 State Street | | 8. Deposit Account Number: |
| City: Boston State M | 1A ZIP 02109 | (Attach duplicate copy of this page if paying by deposit account) |
| DO NOT USE THIS SPACE 8 | | |
| 9. Statement and signature: To the best of my knowledge and belief, the for document. <u>Steven M. Mills, Reg. No. 36,610</u> Name of Person Signing Total number of pages inclusion | | the and correct and any attached copy is a true copy of the original |
| Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231 PATENT G:\SAMINGUPTO159.FRM REEL: 9505 FRAME: 0924 | | |

ASSIGNMENT

I, Jin Seon Yeom, of 502-1102, Shindonga Apt., Kwonseon-dong, Kwonseon-ku, Suwonshi, Kyounggi-do, Republic of Korea, having invented improvements in SEMICONDUCTOR MEMORY HAVING EEPROM CELLS described in an application for Letters Patent of the United States, serial number 09/122,555, filed on July 24, 1998, for good and valuable consideration, receipt of which is hereby acknowledged from Samsung Electronics Co., Ltd., a Korean corporation having a place of business at 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (and hereinafter called the Assignee, which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, all my rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and all other treaties of like purpose in respect of said inventions and said application, and I do hereby authorize the Assignee to apply in my name or its own name or its designee for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

And for the same consideration, I do hereby agree for myself and for my heirs, executors, and administrators, promptly upon request of the Assignee to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, fully to secure to it said right, title, and interest as aforesaid in and to said inventions, applications, and said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Official of each country foreign thereto to issue to the Assignee, any and all patents and like rights of exclusion which may be granted in any country upon said United States application on or for said inventions.

And I do hereby covenant for myself and my legal representatives and agree with the Assignee, that I have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by me, and that I have not executed and will not execute any instruments in conflict herewith.

First or Sole Inventor:

Signature:

Jm Seon Yeom Jin Seon Yeom

Date: 15/09/1998

DOCKET NO. SAMJ-044 LAPPIN & KUSMER LLP Two Hundred State Street Boston, Massachusetts 02109 (617) 330-1300

G:\SAMJ\044\ASSIGN4.DOC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: |
|-----------------------|
| Serial Number: |
| Filing Date: |
| Title: |

Jin Seon Yeom

Examiner: not yet assigned Group Art Unit: 2818

SEMICONDUCTOR MEMORY HAVING EEPROM CELLS

CERTIFICATE OF MAILING UNDER 37 U.S.C. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, BOX ASSIGNMENT, Washington DC 20231.

Hember 24, 1995

BOX ASSIGNMENT Assistant Commissioner For Patents Washington, DC 20231

Sir:

TRANSMITTAL LETTER

Enclosed herewith for filing in the above-identified patent application please find the following:

1. Assignment Recordation Form Cover Sheet – PTO-1595;

09/122,555

July 24, 1998

- 2. Executed Assignment of Patent Rights;
- 3. Check in the amount of \$40.00 to cover assignment recordation fee; and
- 4. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 12-0448. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

LAPPIN & KUSMER LLP

Registration Number 36,610 Attorney for Applicant

Two Hundred State Street Boston, MA 02109

Telephone: (617) 330-1300 Facsimile: (617) 330-1311

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PATENT REEL: 9505 FRAME: 0927

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jin Seon Yeom

09/122,555

July 24, 1998

In re Application of: Serial Number: Filing Date: Title:

Examiner: not yet assigned Group Art Unit: 2818

SEMICONDUCTOR MEMORY HAVING EEPROM CELLS

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Respectfully submitted,

LAPPIN & KUSMER LLP

Steven M. Mills Registration Number 36,610 Attorney for Applicant

Date: Sigten 29, 1998

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PATENT REEL: 9505 FRAME: 0928

RECORDED: 09/29/1998