

07-17-2002



PATENT APPLICATION  
Attorney's Do. No. 5484-094

IN THE U.

102159164 \_\_\_\_\_ MARK OFFICE

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Bycong-Hoon LEE and Seung-Keun LEE
2. Name and address of party(ies) receiving an interest: Samsung Electronics Co., Ltd.  
416 Maetan-dong, Paldal-ku, Suwon-City  
Kyungki-do KOREA

8/7/15/02

3. Description of the interest conveyed:  
☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Date of execution of attached document: March 4, 2002 and March 6, 2002

4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No \_\_\_

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

- A. Patent Application No. 10/122,131, filed on April 11, 2002
- B. Patent No.

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

MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

FINANCE SECTION  
JUL 15 PM 2:04

6. Number of applications and patents involved: 1
7. PTO Form 2038 authorizing credit card payment (\$40) is enclosed.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. 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.

Dated: July 10, 2002

07/15/2002 QUELLER 00000167 10122131  
01 PP:581 40.00 DP

MARGER JOHNSON & McCOLLOM, P.C.  
1030 SW Morrison Street  
Portland, OR 97205  
(503) 222-3613

Respectfully submitted,  
MARGER JOHNSON & McCOLLOM, P.C.

Alan T. McCollom  
Reg. No. 28,881

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:  
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J. ASSISTANT COMMISSIONER FOR TRADEMARKS, 2900 CRYSTAL DRIVE ARLINGTON VA 22202-3513  
ON 7-10-02

Total number of pages comprising cover sheet and attached assignment: 3

PATENT  
REEL: 013080 FRAME: 0978

**ASSIGNMENT**

U.S.A. Patent Application  
Sole or Joint  
For Inventions Made Outside U.S.A.  
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) **Byeong-Hoon LEE**
- (2) **Seung-Keun LEE**

☐ X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

**SAMSUNG ELECTRONICS CO., LTD.**  
**416 MAETAN-DONG, PALDAL-KU**  
**SUWON-CITY, KYUNGKI-DO**  
**REPUBLIC OF KOREA**

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

**SEMICONDUCTOR MEMORY DEVICE ROW DECODER STRUCTURES  
HAVING REDUCED LAYOUT AREA, AND METHODS OF OPERATING THE  
SAME**

for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

**Please sign  
concurrently  
with Oath or Declaration  
and Power of Attorney**

**SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:**

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Byeong-Hoon Lee</u> Byeong-Hoon LEE	<u>04 March 2002</u>	<u>Doohyup Lee</u>
(2) <u>Seung-Keun Lee</u> Seung-Keun LEE	<u>06 March 2002</u>	<u>Jiho Cho</u>

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom  
Marger Johnson & McCollom  
1030 S.W. Morrison Street  
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