

01-21-2004

Docket No.: SEC.1112

IEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



102650346

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To the Honorable Director of the United States Patent and Trademark Office, please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Sang-jin LEE
Kyung-soo KIM
Chang-bong OH
Hee-sung KANG

1-9.04

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: Dec. 24, 26, 24, 26, 2003

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

Name: SAMSUNG ELECTRONICS CO., LTD.

Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si

City: Gyeonggi-do

State/Prov.:

Country: Republic of Korea

ZIP:

Additional name(s) & address(es)

☐ Yes ☒ No

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

10753447

If this document is being filed together with a new application, the execution date of the application is: Dec. 24 & 26, 2003

Patent Application No.

Filing date

B. Patent No.(s)

NEW

January 9, 2004

Additional numbers

☐ Yes ☒ No

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

Name: ADAM C. VOLENTINE

Registration No. 33,289

Address: VOLENTINE FRANCOS, P.L.L.C.

12200 SUNRISE VALLEY DRIVE, SUITE 150

City: RESTON

State/Prov.: VA

Country: USA

ZIP: 20191

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0238

(Attach duplicate copy of this 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.

ADAM C. VOLENTINE

Name of Person Signing

Signature

JANUARY 9, 2004

Date

3

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 014888 FRAME: 0744

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

**Insert Name(s)
of Inventor(s)**

Sang-jin LEE

Kyung-soo KIM

Chang-hong OH

Hee-sung KANG

**Insert Name(s)
of Assignee(s)**

the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

of 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

**Title of
Invention**

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

METHOD OF FABRICATING A SEMICONDUCTOR DEVICE HAVING A SHALLOW
SOURCE/DRAIN REGION

**Date of
Signing of
Application**

for which an application for patent in the United States of America has been executed by the undersigned on December 24 and 26, 2003

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to Adam C. Volentine, Reg. No. 33,289 and William S. Francos, Reg. No. 38,456, and the firm of VOLENTINE FRANCOS, P.L.L.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2003.12.24, Name of Inventor Sang-jin LEE
Sang-jin LEE
Date 12/26/2003, Name of Inventor Kyung-soo Kim
Kyung-soo KIM
Date 12/24/2003, Name of Inventor Chang-bong Oh
Chang-bong OH
Date 12/26/2003, Name of Inventor Hee-sung KANG
Hee-sung KANG
Date _____, Name of Inventor _____
Date _____, Name of Inventor _____

(Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been acknowledged and/or witnessed.)

Witness _____

Witness _____

ACKNOWLEDGMENT

_____ ?

Applicant Reference No. SS-18769-US Atty Docket No. SEC.1112