

09-24-2004

Docket No.: SEC.1181

ET

U.S. DEPARTMENT OF COMMERCE

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102843755

9-17-04

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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):

Myung-Gyoo WON
Jae-Hoon KIM
Jong-Wook PARK

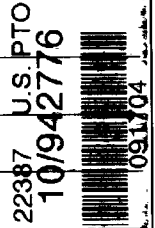
Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: Samsung Electronics Co., Ltd.

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



City: Suwon-si, Gyeonggi-do

State/Prov.: _____

Country: Republic of Korea

ZIP: _____

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: 8 September 2004

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

If this document is being filed together with a new application, the execution date of the application is: 8 September 2004

Patent Application No.

Filing date

B. Patent No.(s)

NEW

17 September 2004

09/20/2004 SDENB001 00000015 10942776

02 FC:8021

40.00 OP

Additional numbers

☐ Yes ☒ No

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

Name: KENNETH D. SPRINGER

Registration No. 39,843

Address: VOLENTINE FRANCOS & WHITT, PLLC

ONE FREEDOM SQUARE

11951 FREEDOM DRIVE, SUITE 1260

City: RESTON

State/Prov.: VA

Country: USA

ZIP: 20190

6. Total number of applications and patents involved:

1

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

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50-0238

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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.

KENNETH D. SPRINGER

Name of Person Signing

Signature

17 SEPTEMBER 2004

Date

3

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PATENT
REEL: 015804 FRAME: 0459

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)**

- | | |
|--------------------------|----------|
| 1. <u>Myung-Gyoo WON</u> | 5. _____ |
| 2. <u>Jae-Hoon KIM</u> | 6. _____ |
| 3. <u>Jong-Wook PARK</u> | 7. _____ |
| 4. _____ | 8. _____ |

Insert

**Name(s) of
Assignee(s) &**

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

SAMSUNG ELECTRONICS CO., LTD.

Address(es)

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

(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

**Title of
Invention**

TEMPERATURE SENSING CIRCUIT FOR USE IN SEMICONDUCTOR
INTEGRATED CIRCUIT

**Date of
Signing of
Application**

for which an application for patent in the United States of America has been executed by
the undersigned on 8 September 2004

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 9/8/2004 Signature of Inventor Myung-Gyoo WON
Myung-Gyoo WON

Date 9/8/2004 Signature of Inventor Jae-Hoon KIM
Jae-Hoon KIM

Date 9/8/2004 Signature of Inventor Jong-Wook PARK
Jong-Wook PARK

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

(Note regarding Witnessing: 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 witnessed.)

Witness

Witness

Applicant Reference No. PX1665-US/SSD Attorney Docket No. SEC.1181