

07-20-2005

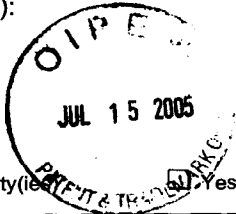
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings → → → ▼

103043970

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

BAEK, Seung-Duk  
JANG, Dong-Hyeon  
LEE, Jong-JooAdditional names(s) of conveying party(ies) Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: 05/31/05; 05/31/05; 05/30/05

## 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):

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

Patent Application No. Filing date

11/137,803

05/26/2005

B. Patent No.(s)

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 &amp; WHITT, PLLC

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

☒ 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

JULY 15, 2005

Date

07/19/2005 DBYRNE 00000128 11137803 Total number of pages including cover sheet, attachments, and document:

3

FC:8021

40.00

All documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450PATENT  
REEL: 016774 FRAME: 0573

VOLENTINE FRANCOS &amp; WHI, P.L.L.C. (9/2004)

ATTORNEY. PACKET NO. SEC1213**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>Seung-Duk BAEK</u>  | 5. _____ |
| 2. <u>Dong-Hyeon JANG</u> | 6. _____ |
| 3. <u>Jong-Joo LEE</u>    | 7. _____ |
| 4. _____                  | 8. _____ |

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

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

**Address(es)**

SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do, Republic of 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**

SEMICONDUCTOR PACKAGE INCLUDING REDISTRIBUTION  
PATTERN AND METHOD OF MANUFACTURING THE SAME

**Date of****Signing of  
Application**

for which an application for patent in the United States of America has been executed by

the undersigned on May 31, 2005; May 31, 2005; May 30, 2005

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.

VOLENTINE FRANCO &amp; WHITT, P.L.L.C. (9/2004)

ATTORNEY DOCKET NO. SEC.1213

The undersigned hereby grant(s) the practitioners associated with the CUSTOMER NUMBER 20987 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	<u>May 31, 2005</u>	Signature of Inventor	<u>Seung-duk Baek</u> Seung-Duk BAEK
Date	<u>May 31, 2005</u>	Signature of Inventor	<u>Dong Hyeon Jang</u> Dong-Hyeon JANG
Date	<u>May 30, 2005</u>	Signature of Inventor	<u>Jong Joo Lee</u> Jong Joo LEE
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. SPA/200404-0107