

02/19/04

Docket No.: SEC.1099

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

02-26-2004

SHEET

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To the Honorable Director of the United S.

102677829

record the attached original documents or copy thereof.

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

In-Gyu PARK

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

Name: Samsung Electronics Co., Ltd.

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

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

City: Suwon-si, Gyeonggi-do

State/Prov.:

Country: Republic of Korea

ZIP: 442-742

Execution Date: 12 February 2004

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

10/780925

If this document is being filed together with a new application, the execution date of the application is: 12 February 2004

Patent Application No.

Filing date

B. Patent No.(s)

NEW

19 February 2004

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, PLLC

12200 SUNRISE VALLEY DRIVE, SUITE 150

## 6. Total number of applications and patents involved:

1

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

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## 8. Deposit account number:

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## 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.

KENNETH D. SPRINGER

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Signature

19 February 2004

Date

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PATENT

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VOLENTINE FRANCOS, P.L.L.C. (9/2001)

**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. PARK, In-Gyu

**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 442-742

**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

SEMICONDUCTOR MEMORY DEVICE

**Date of  
Signing of  
Application**

for which an application for patent in the United States of America has been executed by the undersigned on \_\_\_\_\_

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 FRANCOS, P.L.L.C. (9/2001)

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 12/02/2004 , Name of Inventor In-Gyu PARK  
 Date \_\_\_\_\_ , Name of Inventor In-Gyu PARK  
 Date \_\_\_\_\_ , Name of Inventor \_\_\_\_\_  
 Date \_\_\_\_\_ , Name of Inventor \_\_\_\_\_  
 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

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 Applicant Reference No. SPX200303-0022US Atty Docket No. SEC.1099