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10-07-2004



R SHEET

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1. Name of conveying party(ies):  
1. KANG, Young-gu      5. CHOI, Jung-yong  
2. CHOI, Jong-hyun  
3. JEONG, Woo-seop  
4. JANG, Ki-ho  
  
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, Suwon-si,

3. Nature of conveyance:  
 Assignment                       Merger  
 Security Agreement               Change of Name  
 Other \_\_\_\_\_  
  
Execution Date: 09/21, 21, 21, 20, 21/2004

City: Gyeonggi-do      State/Prov.: \_\_\_\_\_  
Country: Republic of Korea      ZIP: \_\_\_\_\_  
  
Additional name(s) & address(es)       Yes    No

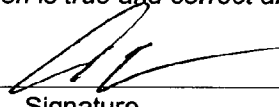
9/29/04  
15535 U.S. PTO  
10/951881  
092904

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: SEPT. 21, 2004  
  
Patent Application No.      Filing date      B. Patent No.(s)  
  
NEW                      SEPTEMBER 29, 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.   33289  
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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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            SEPT. 29, 2004  
Name of Person Signing      Signature      Date  
  
Total number of pages including cover sheet, attachments, and **3**

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### 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>Young-gu KANG</u>  | 5. <u>Jung-yong CHOI</u> |
| 2. <u>Jong-hyun CHOI</u> | 6. _____                 |
| 3. <u>Woo-seop JEONG</u> | 7. _____                 |
| 4. <u>Ki-ho JANG</u>     | 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, 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**

METHOD AND MEMORY SYSTEM IN WHICH OPERATING MODE IS SET  
USING ADDRESS SIGNAL

**Date of  
Signing of  
Application**

for which an application for patent in the United States of America has been executed by the undersigned on September 20 & 21, 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) 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 Sep. 21. 2004 Signature of Inventor YOUNG GU KANG  
Young-gu KANG

Date sep. 21. 2004 Signature of Inventor Tong Hyun Choi  
Jong-hyun CHOI

Date Sep. 21. 2004 Signature of Inventor Woo seop Jeong  
Woo-seop JEONG

Date 2004. 9. 20 Signature of Inventor Ki-ho JANG  
Ki-ho JANG

Date Sep. 21. 2004 Signature of Inventor Jung Yong Choi  
Jung-yong CHOI

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. ID13170-US