Docket No.: **SEC.2178**

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp.5/31/2002)
P06A/REV03

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Namphil JO   **Kyounglae CHO**

Junjin KONG

Chanho YOON

Donghyuk CHAE

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment   ☐ Merger

☐ Security Agreement   ☐ Change of Name

☐ Other _____

Execution Date: **July 29, 2008**

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

Name: **SAMSUNG ELECTRONICS CO., LTD.**

Address: **416, Maetan-dong, Yeontong-gu**

Suwon-si

City: **Gyeonggi-do**   State/Prov.: _____

Country: **Republic of Korea**   ZIP: **442-742**

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		B. Patent No.(s)
12/191,458	14 August 2008		

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 & 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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Kenneth D. Springer	*[signature]*	**15 August 2008**
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PATENT

VOLENTINE & WHITT, P.L.L.C. (08/2008)   *ATTORNEY DOCKET NO. SEC.2178*

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. Namphil JO   7. _____
2. Junjin KONG   8. _____
3. Chanho YOON   9. _____
4. Donghyuk CHAE   10. _____
5. Kyounglae CHO   11. _____
6. _____   12. _____

Insert Name(s) of Assignee(s) & Address(es)

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

SAMSUNG ELECTRONICS CO., LTD.

of   416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742, 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

MEMORY SYSTEM WITH ERROR CORRECTION DECODER ARCHITECTURE HAVING REDUCED LATENCY AND INCREASED THROUGHPUT

Date of Signing of Application

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

the undersigned on   July 29, 2008

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.
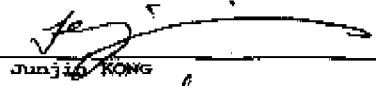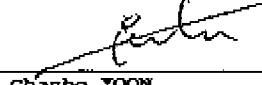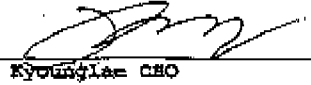
The undersigned hereby grant(s) the practitioners associated with the **CUSTOMER NUMBER 20987** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

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.

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

Date *July 29, 2008*   Signature of Inventor   _____
                                                            Namphil JO

Date   "   Signature of Inventor   _____
                                                            Junjin KONG

Date   "   Signature of Inventor   _____
                                                            Chanho YOON

Date   "   Signature of Inventor   _____
                                                            Dongbyuk CHAE

Date   "   Signature of Inventor   _____
                                                            Kyounglae CHO

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. _____ SOV-000467-US