

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Se-Jin Ahn</td> <td>05/27/2008</td> </tr> <tr> <td>Yong-Hyeon Kim</td> <td>05/27/2008</td> </tr> <tr> <td>Sung-Up Choi</td> <td>05/29/2008</td> </tr> <tr> <td>Yong-Kyeong Kim</td> <td>05/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Se-Jin Ahn	05/27/2008	Yong-Hyeon Kim	05/27/2008	Sung-Up Choi	05/29/2008	Yong-Kyeong Kim	05/29/2008
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Yong-Kyeong Kim	05/29/2008										
RECEIVING PARTY DATA											
Name:	Samsung Electronics Co., Ltd.										
Street Address:	416 Maetan-dong										
Internal Address:	Yeongtong-gu, Suwon-si										
City:	Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12141611</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12141611						
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CORRESPONDENCE DATA											
Fax Number:	(919)854-1401										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	919-854-1400										
Email:	sfreedman@myersbigel.com										
Correspondent Name:	Susan E. Freedman/MBSS										
Address Line 1:	PO BOX 37428										
Address Line 4:	RALEIGH, NORTH CAROLINA 27627										
ATTORNEY DOCKET NUMBER:	5649-2436										
NAME OF SUBMITTER:	Susan E. Freedman										
<p>Total Attachments: 5 source=5649-2436_Assignment#page1.tif</p>											

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Se-Jin Ahn**, citizen of the Republic of Korea, residing at #302, 391-3, Seogyo-dong, Mapo-gu, Seoul, Republic of Korea; **Yong-Hyeon Kim**, citizen of the Republic of Korea, residing at 508-701, Jinsan-maeul Samsung 5cha Apt., 1168, Pungdeokcheon-dong, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea; **Sung-Up Choi**, citizen of the Republic of Korea, residing at 201-1206, Sinchang Vivafamily 2cha, Byeongjeom-dong, Hwanseong-si, Gyeonggi-do, Republic of Korea; and **Yong-Kyeong Kim**, citizen of the Republic of Korea, residing at 342-6, Sinsa 2-dong, Eunpyeong-gu, Seoul, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MEMORY SYSTEM THAT DETECTS BIT ERRORS DUE TO READ DISTURBANCE AND METHODS THEREOF**, for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/141,611, filed June 18, 2008) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as

ASSIGNMENT – CONTINUED

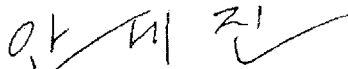
fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 27th day of May, 2008.



Se-Jin Ahn (SEAL)

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 27 day
of May, 2008.

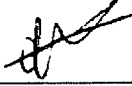
 (SEAL)
Yong-Hyeon Kim

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day
of May, 2008.



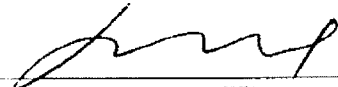
Sung-Up Choi (SEAL)

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day
of May, 2008.



Yong-Kyeong Kim (SEAL)

Witnessed by:

Date: _____