

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>Jung-Hwa LEE</td> <td>10/14/2007</td> </tr> <tr> <td>Ji-Hyun LEE</td> <td>11/30/2007</td> </tr> </tbody> </table>		Name	Execution Date	Jung-Hwa LEE	10/14/2007	Ji-Hyun LEE	11/30/2007
Name	Execution Date						
Jung-Hwa LEE	10/14/2007						
Ji-Hyun LEE	11/30/2007						
RECEIVING PARTY DATA							
Name:	Samsung Electronics Co., Ltd.						
Street Address:	416 Maetan-Dong, Yeongtong-Gu, Suwon-si,						
City:	Gyeonggi-do						
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF						
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>11777627</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11777627		
Property Type	Number						
Application Number:	11777627						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	9898-593						
NAME OF SUBMITTER:	Alan T. McCollom						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

OP \$40.00 11777627

PATENT APPLICATION
Docket No.: 9898-593
Client Ref. No.: SS-28067-US

ASSIGNMENT

U.S.A. Patent Application
Sole or Joint
For Inventions Made Outside U.S.A.
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) Jung-Hwa LEE
- (2) Ji-Hyun LEE

X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

**METHOD OF DETECTING BIT LINE BRIDGE BY SELECTIVELY FLOATING
EVEN- OR ODD-NUMBERED BIT LINES OF MEMORY DEVICE**

for which an application for Letters Patent of the United States of America was filed on July 13, 2007 as Application No. 11/777,627 has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Please sign
concurrently
with Oath or Declaration
and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Jung-Hwa Lee</u> Jung-Hwa LEE	<u>2007.10.04</u>	_____
(2) _____ Ji-Hyun LEE	_____	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom
Marger Johnson & McCollom
210 S.W. Morrison Street, Suite 400
Portland, OR 97204

08/14/07 13:02 FAX 5032744822

MARGER JOHNSON

YP LEE

010/012

Please sign concurrently with Oath or Declaration and Power of Attorney

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(2) <u>Jl-Hyun LEE</u>	<u>11/30/2007</u>	_____

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