

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>Nam-Jong KIM</td> <td>06/26/2006</td> </tr> <tr> <td>Ho-Cheol LEE</td> <td>06/26/2006</td> </tr> <tr> <td>Kyoung-Hwan KWON</td> <td>06/26/2006</td> </tr> <tr> <td>Hyong-Ryol HWANG</td> <td>06/26/2006</td> </tr> <tr> <td>Hyo-Joo AHN</td> <td>06/26/2006</td> </tr> </tbody> </table>		Name	Execution Date	Nam-Jong KIM	06/26/2006	Ho-Cheol LEE	06/26/2006	Kyoung-Hwan KWON	06/26/2006	Hyong-Ryol HWANG	06/26/2006	Hyo-Joo AHN	06/26/2006
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RECEIVING PARTY DATA													
Name:	Samsung Electronics Co., Ltd.												
Street Address:	416 Maetan-Dong, Yeongtong-Gu, Suwon-Si												
City:	Gyeonggi-do												
State/Country:	KOREA, 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>11466389</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11466389								
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CORRESPONDENCE DATA													
Fax Number:	(503)274-4622												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	503-222-3613												
Email:	docketing@techlaw.com												
Correspondent Name:	Marger Johnson & McCollom, P.C.												
Address Line 1:	210 SW Morrison Street, Suite 400												
Address Line 4:	Portland, OREGON 97204												
ATTORNEY DOCKET NUMBER:	5484-168												
NAME OF SUBMITTER:	Alan T. McCollom												
Total Attachments: 2 source=Assignment#page1.tif													

OP \$40.00 11466389

PATENT APPLICATION
Docket No.: 5484-168
Client Ref. No.: PX2066-US/SSD

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) Nam-Jong KIM
- (2) Ho-Cheol LEE
- (3) Kyoung-Hwan KWON
- (4) Hyong-Ryol HWANG
- (5) Hyo-Joo AHN

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:

MULTI-PORT SEMICONDUCTOR MEMORY DEVICE HAVING VARIABLE ACCESS PATHS AND METHOD THEREFOR

for which an application for Letters Patent of the United States of America 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>Nam-Jong KIM</u> Nam-Jong KIM	<u>2006. 6. 26</u>	_____
(2) <u>Ho-Cheol LEE</u> Ho-Cheol LEE	<u>2006. 6. 26</u>	_____
(3) <u>Kyoung-Hwan KWON</u>	<u>2006. 6. 26</u>	_____
(4) <u>Hyong-Ryol HWANG</u>	<u>2006. 6. 26</u>	_____
(5) <u>Hyo-Joo AHN</u>	<u>2006. 6. 26</u>	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

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

