

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Myung-Hee SUNG</td> <td>12/20/2006</td> </tr> <tr> <td>Jin-Gook KIM</td> <td>12/20/2006</td> </tr> <tr> <td>Joung-Ho KIM</td> <td>01/24/2007</td> </tr> <tr> <td>Jong-Hoon KIM</td> <td>12/20/2006</td> </tr> </tbody> </table>		Name	Execution Date	Myung-Hee SUNG	12/20/2006	Jin-Gook KIM	12/20/2006	Joung-Ho KIM	01/24/2007	Jong-Hoon KIM	12/20/2006
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Jong-Hoon KIM	12/20/2006										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Samsung Electronics Co., Ltd.										
<b>Street Address:</b>	416 Maetan-dong, Yeongtong-gu, Suwon-si										
<b>City:</b>	Gyeonggi-do										
<b>State/Country:</b>	KOREA, REPUBLIC OF										
<b>PROPERTY NUMBERS Total: 1</b>											
<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>11668397</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11668397						
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Application Number:	11668397										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(503)274-4622										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	503-222-3613										
<b>Email:</b>	docketing@techlaw.com										
<b>Correspondent Name:</b>	Alan T. McCollom										
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<b>Address Line 2:</b>	Suite 400										
<b>Address Line 4:</b>	Portland, OREGON 97204										
<b>ATTORNEY DOCKET NUMBER:</b>	2522-202										
<b>NAME OF SUBMITTER:</b>	Alan T. McCollom										

Total Attachments: 4  
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**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) Myung-Hee SUNG
- (2) Jin-Gook KIM
- (3) Joung-Ho KIM
- (4) Jong-Hoon KIM

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**

**KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST)**  
**373-1, GUSEONG-DONG, YUSEONG-GU, DAEJEON**  
**REPUBLIC OF KOREA**

(hereinafter designated "ASSIGNEES") 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:

**MEMORY SYSTEM INCLUDING A POWER DIVIDER ON A MULTI MODULE  
MEMORY BUS**

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 ASSIGNEES, for its interest as ASSIGNEES, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEES;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEES, its successors, assigns and legal representatives, deemed essential by ASSIGNEES to ASSIGNEES' 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) _____ Myung-Hee SUNG	_____	_____
(2) _____ Jin-Gook KIM	_____	_____
(3) <u>John J. H. Kim</u> Joung-Ho KIM	<u>2007. 1. 24</u>	_____
(4) _____ Jong-Hoon KIM	_____	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

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

PATENT APPLICATION  
Docket No.: 2522-202  
Client Ref. No.: CX2152US/SS

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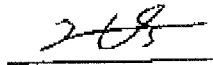

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And the undersigned hereby agrees to testify and execute any papers for ASSIGNEES, its successors, assigns and legal representatives, deemed essential by ASSIGNEES to ASSIGNEES' full protection and title in and to the invention hereby transferred.

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(1)  Myung-Hee SUNG	<u>Dec. 20, 2006</u>	_____
(2)  Jia-Gook KIM	<u>Dec. 20, 2006</u>	_____
(3) _____ Joung-Ho KIM	_____	_____
(4)  Jong-Hoon KIM	<u>Dec. 20, 2006</u>	_____

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