

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<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>Young-Joo CHO</td> <td>01/18/2006</td> </tr> <tr> <td>Hyun-Seok LIM</td> <td>01/19/2006</td> </tr> <tr> <td>Rak-Hwan KIM</td> <td>01/19/2006</td> </tr> <tr> <td>Jung-Wook KIM</td> <td>01/19/2006</td> </tr> <tr> <td>Hyun-Suk LEE</td> <td>01/19/2006</td> </tr> </tbody> </table>		Name	Execution Date	Young-Joo CHO	01/18/2006	Hyun-Seok LIM	01/19/2006	Rak-Hwan KIM	01/19/2006	Jung-Wook KIM	01/19/2006	Hyun-Suk LEE	01/19/2006
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<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>11286316</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11286316								
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Application Number:	11286316												
<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>													
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<b>ATTORNEY DOCKET NUMBER:</b>	2522-134												
<b>NAME OF SUBMITTER:</b>	Todd J. Iverson												
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif													

OP \$40.00 11286316

**PATENT**

**500076898**

**REEL: 017141 FRAME: 0953**

**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) **Young-Joo CHO**
- (2) **Hyun-Seok LIM**
- (3) **Rak-Hwan KIM**
- (4) **Jung-Wook KIM**
- (5) **Hyun-Suk 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:

**CAPACITOR FOR A SEMICONDUCTOR DEVICE AND METHOD OF FORMING  
THE SAME**

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>Young-Joo Cho</u> <b>Young-Joo CHO</b>	<u>18/Jan/2006</u>	_____
(2) <u>Hyun-Seok Lim</u> <b>Hyun-Seok LIM</b>	<u>19/Jan/2006</u>	_____
(3) <u>Rak-Hwan Kim</u> <b>Rak-Hwan KIM</b>	<u>19/Jan/2006</u>	_____
(4) <u>Jung-Wook Kim</u> <b>Jung-Wook KIM</b>	<u>19/Jan/2006</u>	_____
(5) <u>Hyun-Suk Lee</u> <b>Hyun-Suk LEE</b>	<u>19/Jan/2006</u>	_____

**PLEASE RETURN RECORDED ASSIGNMENT TO:**

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