

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>Hong CHO</td> <td>01/17/2008</td> </tr> <tr> <td>Seung-Pil CHUNG</td> <td>01/17/2008</td> </tr> <tr> <td>Hong-Sik YOON</td> <td>01/21/2008</td> </tr> <tr> <td>Kyung-Rae BYUN</td> <td>01/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hong CHO	01/17/2008	Seung-Pil CHUNG	01/17/2008	Hong-Sik YOON	01/21/2008	Kyung-Rae BYUN	01/21/2008
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Seung-Pil CHUNG	01/17/2008										
Hong-Sik YOON	01/21/2008										
Kyung-Rae BYUN	01/21/2008										
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>11932994</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11932994						
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Application Number:	11932994										
CORRESPONDENCE DATA											
Fax Number:	(503)274-4622										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	2522-249										
NAME OF SUBMITTER:	Hosoon Lee										

Total Attachments: 2
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PATENT
REEL: 020479 FRAME: 0945

OP \$40.00 11932994

PATENT APPLICATION
Docket No.: 2522-249
Client Ref. No.: AX4072US/PJ

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) **Hong CHO**
- (2) **Seung-Pil CHUNG**
- (3) **Hong-Sik YOON**
- (4) **Kyung-Rae BYUN**

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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 FORMING A BUFFER LAYER PATTERN AND METHOD OF MANUFACTURING A CAPACITOR

for which an application for Letters Patent of the United States of America was filed on October 31, 2007 as Application No. 11/932,994 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 agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agree 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.



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| <p>4
() <u>Kyung Rae Byun</u>
K yung Ra e BYUN</p> | <p><u>21 Jan 2007</u></p> | <p>_____</p> |

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