

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Wan-don Kim</td><td>07/31/2006</td></tr><tr><td>Jae-Hyun Joo</td><td>08/02/2006</td></tr><tr><td>Seok-Jun Won</td><td>07/31/2006</td></tr><tr><td>Jung-hee Chung</td><td>07/31/2006</td></tr><tr><td>Jin-yong Kim</td><td>07/31/2006</td></tr><tr><td>Suk-jin Chung</td><td>07/31/2006</td></tr></tbody></table>	Name	Execution Date	Wan-don Kim	07/31/2006	Jae-Hyun Joo	08/02/2006	Seok-Jun Won	07/31/2006	Jung-hee Chung	07/31/2006	Jin-yong Kim	07/31/2006	Suk-jin Chung	07/31/2006	
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RECEIVING PARTY DATA															
Name:	Samsung Electronics Co., Ltd.														
Street Address:	416 Maetan-dong, Yeongtong-gu														
City:	Suwon-si, Gyeonggi-do														
State/Country:	KOREA, REPUBLIC OF														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11462178</td></tr></tbody></table>	Property Type	Number	Application Number:	11462178											
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CORRESPONDENCE DATA															
Fax Number: (919)854-1401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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Email: sfreedman@myersbigel.com															
Correspondent Name: Susan E. Freedman/MBSS															
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Address Line 2: Suite 600															
Address Line 4: Raleigh, NORTH CAROLINA 27612															
ATTORNEY DOCKET NUMBER:	5649-923IP														
NAME OF SUBMITTER:	Susan E. Freedman														

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PATENT
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Total Attachments: 7

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Wan-don Kim**, citizen of the Republic of Korea, residing at 204-1705, Sujin Maeul Hyundai Apt., Dongcheon-dong, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea; **Jae-hyun Joo**, citizen of the Republic of Korea, residing at 103-1201, Hyundai Morning Side 2-cha Apt., Bora-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; **Seok-jun Won**, citizen of the Republic of Korea, residing at (1/8), 1603-25, Bongcheon 7-dong, Gwanak-gu, Seoul, Republic of Korea; **Jung-hee Chung**, citizen of the Republic of Korea, residing at 129-1101, Hwanggol Maeul 1-danji Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Jin-yong Kim**, citizen of the Republic of Korea, residing at 1107-106, Hyundai Apt., Gwangjang-dong, Gwangjin-gu, Seoul, Republic of Korea; **Suk-jin Chung**, citizen of the Republic of Korea, residing at 902-306, Byeokjeokgol 9-danji Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS OF FORMING INTEGRATED CIRCUIT ELECTRODES AND CAPACITORS BY WRINKLING A LAYER THAT INCLUDES A HIGH PERCENTAGE OF IMPURITIES**, for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 11/462,178, filed 08/03/2006) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee,

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day
of August, 2006.

Jae Hyun Joo (SEAL)
Jae-hyun Joo

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31st day
of July, 2006.

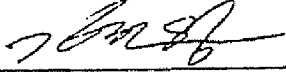
Seok-jun Won (SEAL)
Seok-jun Won

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31th day
of July, 2006.



Jin-yong Kim (SEAL)

Witnessed by:

Date: _____

