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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

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

Property Type	Number
Application Number:	11462178

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 5649-923IP

NAME OF SUBMITTER: Susan E. Freedman

PATENT

Total Attachments: 7 source=5649-923IP_Assignment#page1.tif source=5649-923IP_Assignment#page2.tif source=5649-923IP_Assignment#page3.tif source=5649-923IP_Assignment#page4.tif source=5649-923IP_Assignment#page5.tif source=5649-923IP_Assignment#page6.tif source=5649-923IP_Assignment#page7.tif

> PATENT REEL: 018049 FRAME: 0192

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 Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignce, 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, THEREPORE, 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,

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its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

assignee, its success	ors, assigns	and other le	gal represent	atives.	
IN WITNES	S WHERE	OF, I have he	ereunto set m	y hand and seal	on this <u>31th</u> day
of July	_, 2006.				
		<u>lan-don</u> Van-don Kir	Kim	(SEAL)	
Witnessed by:					
Date:					

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IN WITNESS WH	EREOF, I have hereunto set	my hand and seal on thi	is <u>~nd</u> day
of August, 200	6.		
	Jackyun Jos Jackyun Joo	(SEAL)	
Witnessed by:			
Datas			

of	σ 1.	HEREOF, I have hereunto set i	my hand and seal on this <u>5/4h</u> day
	ŕ	Seok-jun Won Seok-jun Won	(SEAL)
Witn	essed by:		
Date		e-manufactura estimatura estimatura	

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		ESS WHERE	OF, I have her	reunto set m	y hand and seal	on this 3Hh	day
of	July	, 2006.					
			Jung -hee Jung-hee Chu		(SEAL)		
Witne	essed by:						
——— Date:							

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IN WITNESS WI	HEREOF, I have hereunto set	my hand and seal on this	; <u>3/th</u> day
A	06.		
O	Jin-yong Kim	(SEAL)	
Witnessed by:			
Date:			

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	IN WITN	ESS WHEREC	F, I have hereunto se	t my hand and seal on	this 31-th day
of	YING	, 2006.			
		***************************************	k-jin chung k-jin Chung	(SEAL)	
Witn	essed by:				
Date					

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RECORDED: 08/03/2006

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