01-05-2007 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) :ET (Rev. 03-01) Patent and Trademark Office OMB No. 0651-002 (exp.5/31/2002) P08A/REV03 103357170 Tab settings → → To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Myung-Hee SUNG 12.27.06 Young-Man AHN Samsung Electronics Co., Ltd. Name: 416, Maetan-dong, Yeongtong-gu, Suwon-si Address: ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger City: Gyeonggi-do State/Prov.: Change of Name Security Agreement Republic of Korea Other Country: Execution Date: December 20, 2006 ⊠ No ☐ Yes Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: December 20, 2006 Patent Application No. Filing date B. Patent No.(s) **NEW December 27, 2006** ☐ Yes 🗵 No Additional numbers Total number of applications and patents involved: Name and address of party to whom correspondence 1 concerning document should be mailed: Name: BENJAMIN P. WESTOVER 7. Total fee (37 CFR 3.41):....\$ 40,00 Registration No. 56,612 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS & WHITT, PLLC Authorized to be charged to deposit account ONE FREEDOM SQUARE 8. Deposit account number: 11951 FREEDOM DRIVE, SUITE 1260 50-0238 City: RESTON State/Prov.: VA Country: USA ZIP: 20190 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached by 🖫 a true copy of the original document. BENJAMIN P. WESTOVER December 27, 2006 ate Name of Person Signing Total number of pages including cover sheet, attachments, and document: F. 80 Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 018745 FRAME: 0741

Docket No.: SEC.1746

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
Insert Name(s) of	1. Myung-Hee SUNG 4.
Inventor(s)	
	2. Young-Man AHN 5.
	3. <u>6.</u>
Insert Name(s) of	the undersigned hereby sell(s) and assign(s) to
Assignee(s) &	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu,
Address(es)	of Suwon-si, Gyeonggi-do, Republic of Korea
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
Title of Invention	ELECTROSTATIC DISCHARGE CIRCUIT AND METHOD FOR REDUCING
	INPUT CAPACITANCE OF SEMICONDUCTOR CHIP INCLUDING SAME
Date of Signing of	for which an application for patent in the United States of America has been executed by
Application	the undersigned on December 20, 2006
	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
	The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
	The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
	The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

Page 1 of 2

RECORDED: 12/27/2006

The undersigned hereby grant(s) the practitioners associated with the <u>CUSTOMER NUMBER 20987</u> the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned

Date	Dec. 20, 2006	Signature of Inventor	Myung-Hee SUNG
Date	2006. 12.20	Signature of Inventor	TOUNG-MAN, AHN
Date .		Signature of Inventor	
Date		Signature of Inventor	
Date .		Signature of Inventor	
Date	(Note regarding W	itnessing: It is recommended	that the execution by the Inventor(s) be
Date	(Note regarding W witnessed by at leas Patent and Tradema	itnessing: It is recommended t two witnesses who sign here, rk Office is to record an Assig	that the execution by the Inventor(s) be However, the current practice of the U.S. nment even it has not been witnessed.)
Date	(Note regarding W witnessed by at leas Patent and Tradema	itnessing: It is recommended t two witnesses who sign here, rk Office is to record an Assig	that the execution by the Inventor(s) be However, the current practice of the U.S.
Date	(Note regarding W witnessed by at leas Patent and Tradema Witness—	itnessing: It is recommended t two witnesses who sign here, rk Office is to record an Assig	However, the current practice of the U.S. nment even it has not been witnessed.)
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Page 2 of 2

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