1	Revised: 4/2			
	rage about 30 minutes per document to be recorded, including time for reviewing un- rage about 30 minutes per documents regarding this burden estimate to the U.S. g the sample cover sheet. Send comments regarding this burden estimate to the U.S. C, Washington, D.C. 20213, and to the Office of Management and Budget, Paperwork C, Washington, D.C. 20213, and to the Office of Management and Budget, Paperwork			
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Mayumi Maeda, Reg. No. 40,075 Name of Person Signing	Signature r of pages including cover sheet, attachments and document: 3			
	Date			
O. Statement and signature. Output the state of my knowledge and belief, the foregoing information is true.	the and correct and any attached copy is a true copy of the original document. 9/11/100			
DO NOT US	SE THIS SPACE			
Attorney Docket No. NSC1-H1100 [P04777]	(Attach duplicate copy of this page if paying by deposit account)			
Telephone: (415) 433-4756 Facsimile: (415) 433-8716	8. Deposit account number: 12-1420			
Internal Address: Limbach & Limbach L.L.P. Street Address: 2001 Ferry Building City, State, ZIP: San Francisco, California 94111 Telenhone: (415) 433-4150	 X Enclosed Charge any deficiencies in the enclosed fee to X Deposit Account No. 12-1420 Authorized to be charged to deposit account 			
Name: <u>Mayumi Maeda</u>	7. Total fee (37 CFR 3.41):			
Name and address of party to whom correspondence concerni document should be mailed:				
Additional numbers attached?	Yes X No 09658743			
A. Patent Application No.(s)	B. Patent No.(s)			
	cation, the execution date of the application is: <u>September 7</u> ,			
Application number(s) or patent number(s):				
Execution Date:September 7, 2000	_			
Security Agreement Change of Name Other				
Assignment Merger	Additional Name(s) & address(es) attached?			
Nature of Conveyance:	City, State and Zip: <u>Santa Clara, CA 95051-8090</u>			
dditional name(s) of conveying party(ies) attached?	Street Address: 2900 Semiconductor Drive			
	Internal Address: M/S D3-579			
VLADISLAV VASHCHENKO PETER J. HOPPER MANUEL CARNEIRO	Name: NATIONAL SEMICONDUCTOR CORPORATION			
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
101470390 the Commissioner of Patents and Trademarks. Please record	ne attached original documents or copy thereof.			
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	G.1100 U.S. DEPARTMENT OF COMMERCE			

REEL: 011096 FRAME: 0077

Attorney Docket No. NSC1-H1100 [P04777]

ASSIGNMENT

WHEREAS, WE, <u>VLADISLAV_VASHCHENKO, PETER J. HOPPER, and MANUEL CARNEIRO</u>, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the belowidentified application for United States Letters Patent:

Title of Invention: GATE ELECTRODE CONTROLLABLE ELECTROSTATIC DISCHARGE (ESD) PROTECTION STRUCTURE

Application Execution Date:

Filing Date:

Appln. Nc.: Not Yet Assigned;

WHEREAS, <u>NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900</u> <u>Semiconductor Drive, M/S D3-579, Santa Clara, California 95051-8090</u>, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignce's successors and assigns.

We hereby authorize and request our attorney, Mayumi Maeda, of Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, California 94111-4262, to insert here in parentheses (application number ______, filed ______) the filing date and application number of said application when known. IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates

indicated	below.			A.m.		
Dated:		<u>.)C</u>		VLAD	ISLAV VASHCHENKO	
State of	Californ	(0)				
County of	Cranta	Clava-			- 0 İ	
personal to me on	7-00 the basis of s nstrument and a (ies), and that of which the per	before me, VIGCISIAV satisfactory evidence icknowledged to me th icknowledged to me th is/her/their si rson(s) acted, execut	ed the instrume	p () () person on (s) whose name (s) executed the same p instrument the p		1 (-od
SEAL		KAREN L METZ Commission # 12239 Natary Public - Cellfor Santa Clara Count Ay Commission Stan	-1	of Notary		

Rev. 07/20/98

PATENT REEL: 011096 FRAME: 0078 IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.

Dated: 9.7.00
State of <u>California</u>
County of Santa Clava
on 9-7-00 before me, Kaven Metz, personally appeared New T Hopper, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
SEAL WITNESS my hand and official seal. KAREN L METZ Commission # 1223997 Holtory Public - Celifornia Michol S Jun 71, 2005
IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the dates indicated below.
Dated:MANUEL CARNEIRO
State of Child Fornta
On <u>9100</u> before me, <u>Kavent. Metz</u> , personally appeared <u>Manuel Carneiro</u> , personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name(s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name(s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name(s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person(s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person (s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person (s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person (s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person (s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person (s) whose name (s) 19/200 subscribed to the to me on the basis of satisfactory evidence to be the person (s) whose name (s) 19/200 subscribed to the the same in the
personally appeared
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PATENT REEL: 011096 FRAME: 0079

RECORDED: 09/11/2000