

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kenneth J. Carroll	11/29/2007
Saurabh Vats	11/29/2007

RECEIVING PARTY DATA

Name:	NATIONAL SEMICONDUCTOR CORPORATION
Street Address:	2900 Semiconductor Drive
Internal Address:	M/S D3-579
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95051-8090

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11948443

CORRESPONDENCE DATA

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Address Line 2: SUITE 2400
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ATTORNEY DOCKET NUMBER:

P07013 (11461.00.7013)

NAME OF SUBMITTER:

Mark A. Dalla Valle

Total Attachments: 2

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PATENT

REEL: 020182 FRAME: 0358

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CH \$40.00 11948443

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Attorney Docket No.: P07013 (11461.00.7013)

ASSIGNMENT

WHEREAS, WE, Kenneth J. Carroll and Saurabh Vats, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INTEGRATED ELECTROSTATIC DISCHARGE (ESD) PROTECTION CIRCUITRY FOR SIGNAL ELECTRODE

Application Execution Date: November 29, 2007

Filing Date: November 30, 2007

Application No.: 11/948,443

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, M/S D3-579, Santa Clara, California 95051-8090, 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 One Dollar (\$1.00) and other good and valuable considerations, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application and United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and in countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, amendments or extensions thereof, 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 have this assignment and transfer not less than for the full term and term of any such 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 Assignee's successors and assigns.

The undersigned hereby authorizes and requests the attorneys of record in said application bearing docket number P07013 (11461.00.7013) to insert in this assignment the U.S. application serial number of said application when officially known, if applicable.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Dated: 11-29-07

State of California

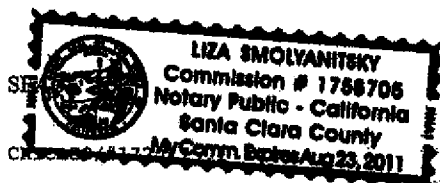
County of Santa Clara

Kenneth J. Carroll

On 11/29/07 before me, Liza Smolyanitsky personally appeared Kenneth J. Carroll, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her/their authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Liza Smolyanitsky
Signature of Notary

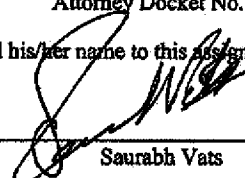


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Attorney Docket No.: P07013 (11461.00.7013)

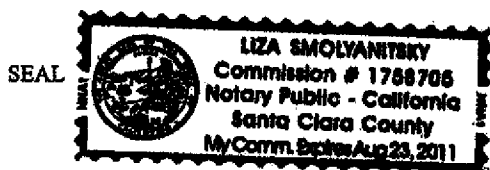
IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Dated: 11/29/2007
State of California
County of Santa Clara


Saurabh Vats

On 11/29/07 before me, Liza Smolyanitsky
personally appeared Saurabh Vats, personally known to me ~~or proved to me on the basis of satisfactory evidence~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her/their authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Liza Smolyanitsky
Signature of Notary

