

M. P. Val  
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<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date: <u>May 30, 1997</u></p>	

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 05/30/97

<p>A. Patent Application No.(s) <u>NEW</u></p>	<p>B. Patent No.(s)</p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Mark A. Dalla Valle</u></p> <p>Internal Address: <u>Limbach &amp; Limbach L.L.P.</u>  Street Address: <u>2001 Ferry Building</u>  City, State, ZIP: <u>San Francisco, California 94111</u>  Telephone: <u>(415) 433-4150</u>  Facsimile: <u>(415) 433-8716</u></p> <p>Attorney Docket No. <u>NSC1-65200 [NS3302]</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Charge any deficiencies in the enclosed fee to Deposit Account No. <u>12-1420</u>  <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>12-1420</u>  (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p><u>Mark A. Dalla Valle, Reg. No. 36,147</u> Name of Person Signing</p>	<p><u>[Signature]</u> Signature</p>	<p><u>July 9, 1997</u> Date</p>
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Total number of pages including cover sheet, attachments and document: 3

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Express Mail Number EM37037117U

Attorney Docket No. NSC1-CS200 [NS3302]

ASSIGNMENT

WHEREAS, WE, Jon E. Ogris and Joseph Biran, 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: ELECTROSTATIC DISCHARGE (ESD) PROTECTION CIRCUIT WITH REDUCED NOISE CAPACITANCE

Application Execution Date: May 30, 1997

Filing Date: HEREWITH

Application No.: NEW

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, M/S D1-575, 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 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 reissues 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.

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

Dated: 05/30/97  
State of California  
County of Santa Clara

Jon E. Ogris  
Jon E. Ogris

On 5/30/97 before me, Michelle C. Begay  
Jon E. Ogris, 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.

WITNESS my hand and official seal.  
Michelle C. Begay  
Signature of Notary



PATENT

Attorney Docket No. NSC1-05200 (NS3302)

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

Dated: \_\_\_\_\_ Joseph Bizan

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_, 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.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary

SEAL