

11-02-2004  
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22278 U.S.PTO  
10/974177  
102704

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p><b>1. Name of conveying party(ies)/Execution Date(s):</b> Alexander Burinskiy (10/22/2004), Nathanael Griesert (10/26/2004), Arun Rao (10/26/2004),</p> <p>Execution Date(s): in parentheses after inventor name</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies)</b></p> <p>Name: <u>National Semiconductor Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>10-27-04</u></p> <p>2900 Semiconductor Drive</p> <p>City: <u>Santa Clara</u></p> <p>State: <u>California</u></p> <p>Country: <u>United States of America</u> Zip: <u>95051-8090</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p><b>3. Nature of Conveyance:</b></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
This application

B. Patent No.(s)  
10/974177

Additional numbers attached?  Yes  No

<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: <u>John W. Branch</u> <u>DARBY &amp; DARBY P.C.</u></p> <p>Internal Address: <u>Atty. Dkt.: 08211/0201507-US0</u></p> <p>Street Address: <u>P.O. Box 5257</u></p> <p>City: <u>New York</u></p> <p>State: <u>NY</u> Zip: <u>10150-5257</u></p> <p>Phone Number: <u>(206) 262-8900</u></p> <p>Fax Number: <u>(212) 753-6237</u></p> <p>Email Address: <u>jbranch@darbylaw.com</u></p>	<p><b>6. Total number of applications and patents involved:</b> <u>1</u></p> <p><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p><b>8. Payment Information</b></p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number _____ Authorized User Name _____</p>
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**9. Signature:** Chris Kolefas October 27, 2004

Signature Date

Chris Kolefas -35,226 Total number of pages including cover sheet, attachments, and documents: 12

Name of Person Signing

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40.00 DP

RECORDATION FORM COVER SHEET  
(continued)

22278 U.S. PTO  
10/974177



Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

William J. McIntyre (10/26/2004), and John P. Parry (10/26/2004)

Additional Assignees (2. Continued):

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers  
4A. Continued:

Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

Yes

No

Attorney Docket No.: 08211/0201507-US0/P06058

### ASSIGNMENT

I, Alexander Burinskiy, a citizen of the Russian Federation, residing at 7150 Rainbow Dr.; Apt. 13, San Jose, California 95129; and

I, Nathanael Griesert, a citizen of the United States of America, residing at 16034 Duggans Road, Grass Valley, California 95949; and

I, Arun Rao, a citizen of India, residing at 3300 Parkside Drive #1, Rocklin, CA 95677; and

I, William J. McIntyre, a citizen of the United States of America, residing at 108 Brock Drive, Wheatland, California 95692; and

I, John P. Parry, a citizen of the United States of America, residing at 17409 Lawrence Way, Grass Valley, California 95949;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

#### **National Semiconductor Corporation**

a Corporation organized under the laws of Delaware, located at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

**SUPPRESSION OF PARASITIC RINGING AT THE OUTPUT OF A SWITCHED CAPACITOR DC/DC CONVERTER**

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invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

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I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

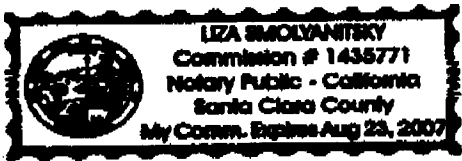
  
\_\_\_\_\_  
Alexander Burinskiy

Date: 10/22/2004

United States of America )  
State of California ) ss.:  
County of Santa Clara )

On this 22nd day of October, 2004, before me Liza Smolyanitsky personally came Alexander Burinskiy, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Liza Smolyanitsky  
Notary Public



\_\_\_\_\_  
Nathanael Griesert

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came Nathanael Griesert, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Arun Rao

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came Arun Rao, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

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\_\_\_\_\_  
William J. McIntyre

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came William J. McIntyre, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
John P. Parry

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came John P. Parry, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

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Attorney Docket No.: 08211/0201507-US0/P06058

### ASSIGNMENT

I, Alexander Burinskiy, a citizen of the Russian Federation, residing at 7150 Rainbow Dr.; Apt. 13, San Jose, California 95129; and

I, Nathanael Griesert, a citizen of the United States of America, residing at 16034 Duggans Road, Grass Valley, California 95949; and

I, Arun Rao, a citizen of India, residing at 3300 Parkside Drive #1, Rocklin, CA 95677; and

I, William J. McIntyre, a citizen of the United States of America, residing at 108 Brock Drive, Wheatland, California 95692; and

I, John P. Parry, a citizen of the United States of America, residing at 17409 Lawrence Way, Grass Valley, California 95949;

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SWITCHED CAPACITOR DC/DC CONVERTER**

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And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

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I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

\_\_\_\_\_  
Alexander Burinskiy

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came Alexander Burinskiy, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

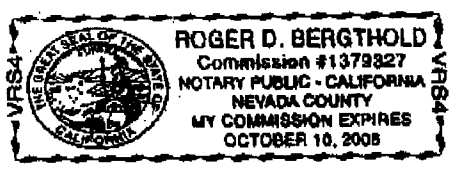
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William J. McIntyre  
William J. McIntyre

Date: 10/26/04

United States of America )  
State of Calif. ) ss.:  
County of Nevada )

On this 26 day of Oct, 2004, before me personally came William J. McIntyre, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



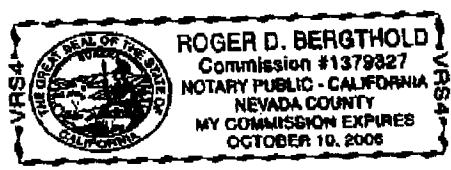
Roger D. Bergthold  
Notary Public

John P. Parry  
John P. Parry

Date: 10/26/04

United States of America )  
State of Calif. ) ss.:  
County of Nevada )

On this 26 day of Oct, 2004, before me personally came John P. Parry, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Roger D. Bergthold  
Notary Public

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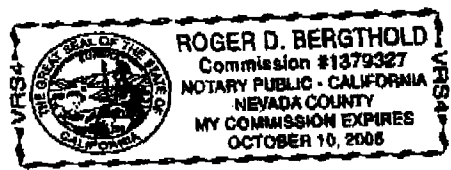
Nathanael Griesert  
Nathanael Griesert

Date: 10/26/04

United States of America )  
State of Calif ) ss.:  
County of Nevada )

On this 26 day of Oct, 2004, before me personally came Nathanael Griesert, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roger D. Bergthold  
Notary Public



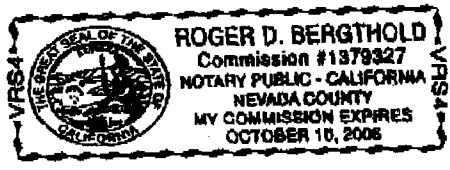
Arun Rao  
Arun Rao

Date: 10/26/04

United States of America )  
State of Calif ) ss.:  
County of Nevada )

On this 26 day of Oct, 2004, before me personally came Arun Rao, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roger D. Bergthold  
Notary Public



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