

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Pavel Poplevine</td> <td>04/30/2010</td> </tr> <tr> <td>Ernes Ho</td> <td>04/30/2010</td> </tr> <tr> <td>Umer Khan</td> <td>05/03/2010</td> </tr> <tr> <td>Andrew J Franklin</td> <td>05/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Pavel Poplevine	04/30/2010	Ernes Ho	04/30/2010	Umer Khan	05/03/2010	Andrew J Franklin	05/05/2010
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>National Semiconductor Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2900 Semiconductor Drive</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95051</td> </tr> </table>		Name:	National Semiconductor Corporation	Street Address:	2900 Semiconductor Drive	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95051
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PROPERTY NUMBERS Total: 1											
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Application Number:	12731589										
<b>CORRESPONDENCE DATA</b>											
Fax Number: (415)705-6383 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 415-705-6377 Email: mpollock@dergnoah.com Correspondent Name: Dergosits & Noah LLP (NSC) Counsel for N Address Line 1: Three Embarcadero Center, Suite 410 Address Line 4: San Francisco, CALIFORNIA 94111											
ATTORNEY DOCKET NUMBER:	NSC1-N3300 [P07479]										
NAME OF SUBMITTER:	Michael J. Pollock										
Total Attachments: 4 source=AssignmentwithCoverSheet#page1.tif											

CH \$40.00 12731589

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**PATENT**  
**REEL: 024345 FRAME: 0695**

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

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

**1. Name of conveying party(ies)**

Pavel Poplevine  
Ernes Ho  
Umer Khan  
Andrew J. Franklin

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**2. Name and address of receiving party(ies)**

Name: National Semiconductor Corporation

Internal Address: \_\_\_\_\_

Street Address: 2900 Semiconductor Drive

City: Santa Clara

State: CA

Country: US Zip: 95051

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 04/30/10, 04/30/10, 05/03/10, 05/05/10

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/731,589

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Dergosits & Noah LLP

Internal Address: Attn: Michael J. Pollock

Street Address: Three Embarcadero Center, Suite 410

City: San Francisco

State: CA Zip: 94111

Phone Number: (415) 705-6377

Fax Number: (415) 705-6383

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

☒ Authorized to be charged to deposit account

☐ Enclosed

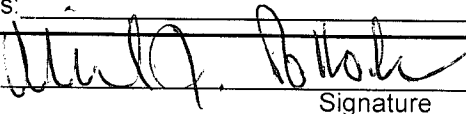
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 04-0822

Authorized User Name Michael J. Pollock

**9. Signature:**

  
Signature

May 6, 2010

Date

Michael J. Pollock

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, WE, Pavel Poplevine, Ernes Ho, Umer Khan and Andrew J. Franklin, 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: METHOD OF DIRECTLY READING OUTPUT VOLTAGE TO DETERMINE DATA STORED IN A NON-VOLATILE MEMORY CELL

Filing Date: March 25, 2010

Application No.: 12/731,589

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, Santa Clara, California 95051 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 consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do 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 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, 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 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.

Assignors hereby authorize and request Dergosits & Noah LLP, Three Embarcadero Center, Suite 410, San Francisco, California 94111, to insert herein above the application number and filing date of said application when known.

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

Date: 04/30/2010

Pavel Poplevine  
Pavel Poplevine

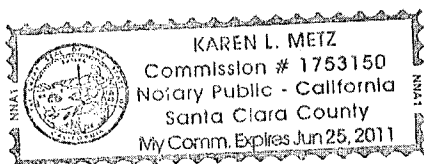
State of California

County of Santa Clara

On April 30, 2010 before me, Karen L. Metz  
personally appeared Pavel Poplevine who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Karen L. Metz  
Signature of Notary

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

Date: 04/30/2010

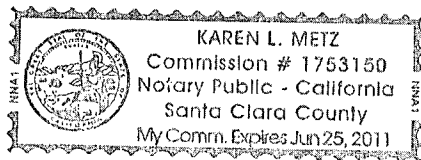
Ernes Ho

State of California  
County of Santa Clara

On April 30, 2010 before me, Karen L. Metz  
personally appeared Ernes Ho who 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.

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WITNESS my hand and official seal.



SEAL

Karen L. Metz  
Signature of Notary

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

Date: 5/3/2010

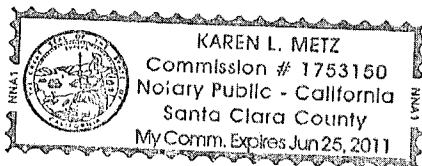
Umer Khan

State of California  
County of Santa Clara

On May 3, 2010 before me, Karen L. Metz  
personally appeared Umer Khan who 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.

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WITNESS my hand and official seal.



SEAL

Karen L. Metz  
Signature of Notary

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

Date: 5/5/10

[Signature]

Andrew J. Franklin

State of California

County of Santa Clara

On May 5, 2010 before me, Karen L. Metz  
personally appeared Andrew J. Franklin who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]

Signature of Notary

SEAL

