

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pavel Poplevine	03/05/2010
Ernes Ho	03/05/2010
Umer Khan	03/05/2010
Hengyang James Lin	03/09/2010

RECEIVING PARTY DATA

Name:	National Semiconductor Corporation
Street Address:	2900 Semiconductor Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12702061

CORRESPONDENCE DATA

Fax Number: (415)705-6388
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 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-N3200 [P07482]
NAME OF SUBMITTER:	Michael J. Pollock

Total Attachments: 4
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**PATENT
 REEL: 024069 FRAME: 0363**

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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
Hengyang (James) Lin

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) 3/5/10, 3/5/10, 3/5/10, 3/9/10

- 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)

12/702,061

B. Patent No. (s)

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

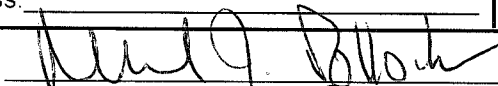
- Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 04-0822

Authorized User Name Michael J. Pollock

9. Signature:


Signature

3-11-10
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 Hengyang (James) Lin, 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: 5-TRANSISTOR NON-VOLATILE MEMORY CELL

Filing Date: February 8, 2010

Application No.: 12/702,061

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: 03/05/2010

Pavel Poplevine
Pavel Poplevine

State of California

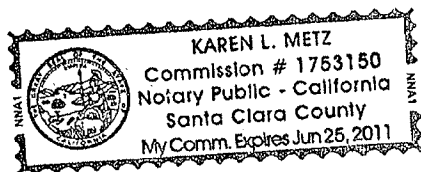
County of Santa Clara

On March 5, 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



SEAL

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

Date: 03/05/2010

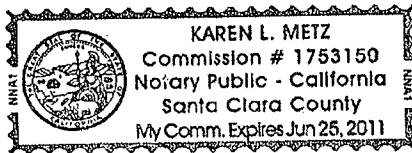
[Signature]
Ernes Ho

State of California

County of Santa Clara

On March 5, 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.

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



SEAL

WITNESS my hand and official seal.

[Signature]
Signature of Notary

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

Date: 3/5/2010

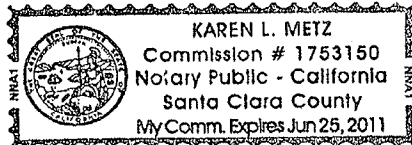
[Signature]
Umer Khan

State of California

County of Santa Clara

On March 5, 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.

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



SEAL

WITNESS my hand and official seal.

[Signature]
Signature of Notary

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

Date: 3/9/2010

Hengyang Lin
Hengyang (James) Lin

State of California

County of Santa Clara

On March 9, 2010 before me, Karen L. Metz,
personally appeared Hengyang James Lin 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

SEAL

