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FR SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

LY

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yuri Mirgorodski, Vladislav Vashchenko and Peter J. Hopper

1.15.04

Additional names(s) of conveying party(ies) 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** ZIP: **95051**

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **January 8, 2004**

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
10/665,187

Additional numbers attached? Yes No

B. Patent No.(s)

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

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

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

Name: **STALLMAN & POLLOCK LLP**
Internal Address: **Attn: Michael J. Pollock**

Street Address: **121 Spear Street, Suite 290**

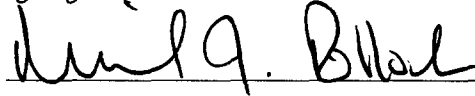
City: **San Francisco** State: **CA** ZIP: **94105**

8. Deposit account number: _____
50-1703

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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.

Michael J. Pollock  **January 12, 2004**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

OFFICE OF PATENT RECORDATION
2004 JUN 15 PM 3:30
FINANCE SECTION

01/16/2004 000000060665187 40.00 OP
01 FC:8021

ASSIGNMENT

WHEREAS, We, Yuri Mirgorodski, Vladislav Vashchenko and Peter J. Hopper, 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 ERASING AN EEPROM CELL UTILIZING A FREQUENCY/TIME DOMAIN BASED ERASED SIGNAL

Application (Declaration/Oath) Execution Date: 1/8/04

Filing Date: September 17, 2003

Application No.: 10/665,187

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.

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

Date: 01.08.2004

[Signature]
Yuri Mirgorodski

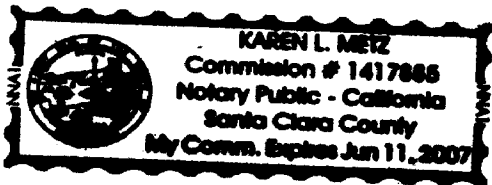
State of California

County of Santa Clara

On Jan 8, 2004 before me, Karen L. Metz, personally appeared Yuri Mirgorodski, 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]
Signature of Notary



SEAL

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

Date: 01/08/04

[Signature]
Vladislav Vashchenko

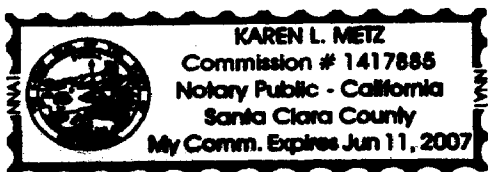
State of California
County of Santa Clara

On Jan. 8, 2004 before me, Karen L. Metz
personally appeared Vladislav Vashchenko 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]
Signature of Notary

SEAL



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

Date: 1.8.04

[Signature]
Peter J. Hopper

State of California
County of Santa Clara

On Jan. 8, 2004 before me, Karen L. Metz
personally appeared Peter J. Hopper 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]
Signature of Notary

SEAL

