

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

06-03-2005

U.S. Department of Commerce
Patent and Trademark Office
PATENT

103013875

RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
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Correction of PTO Error
Reel # _____ Frame # _____

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies) Mark if additional names of conveying parties attached

Name (line 1) Vladislav Vashchenko Execution Date 05/20/05
Month Day Year

Name (line 2) _____

Second Party Execution Date
Month Day Year

Name (line 1) Marcel ter Beek 05/23/05

Name (line 2) _____

Receiving Party Mark if additional names of receiving parties attached

Name (line 1) National Semiconductor Corporation If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) _____

Address (line 1) 2900 Semiconductor Drive

Address (line 2) M/S D3-579

Address (line 3) Santa Clara CA 95051
City State/Country Zip Code

Domestic Representative Name and Address Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

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04 FC:9021 40.00 DP

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT
REEL: 016615 FRAME: 0563

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Peter J. Hopper

Execution Date
Month Day Year
05/20/05

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Name (line 2)

112941 U.S. PTO
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Receiving Party(ies)

Mark if additional names of receiving parties attached

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Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Correspondent Name and Address Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT

only if a U.S. Application Number has not been assigned. PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

JURGEN VOLLRATH J. Vollrath 5/26/05

Name of Person Signing Signature Date

MAY-24-2005 TUE 10:18 AM

FAX NO.

P. 06

85/16/2005 02:32 7843381836

HURSTVOLLRATH

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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ASSIGNMENT OF APPLICATION	Docket Number (Optional) <u>P06277</u>
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Whereas, I, Vladislav Vashchenko of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in BSD CLAMPS AND NMOS ARRAYS WITH INCREASED ELECTRICAL OVERSTRESS ROBUSTNESS

for which an application for a United States Patent was filed on _____ Application Number _____

for which an application for a United States Patent was executed on _____, and

Whereas, National Semiconductor of _____ herein referred to as "assignee" whose mailing address is 2900 Semiconductor Dr., Mail Stop D3-579, Santa Clara, CA 95051-8080 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 20th day of May, 2005

at _____

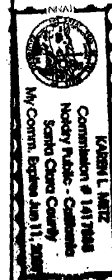
VM

(Signature)

State of California SS:
County of Santa Clara
Before me personally appeared said Vladislav Vashchenko
and acknowledged the foregoing instrument to be his free act and deed this 20th
day of May, 2005

Karen L. Kelly

(Notary Public)

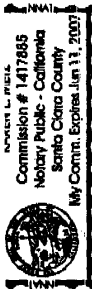


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PATENT
REEL: 016615 FRAME: 0566

PTO/US/16 (08-03)
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ASSIGNMENT OF APPLICATION	Docket Number (Optional) <i>P06277</i>
<p>Whereas, I, <u>Marcel ter Beek</u> of <u>National Semiconductor</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>ESD CLAMPS AND NMOS ARRAYS WITH INCREASED ELECTRICAL OVERSTRESS ROBUSTNESS</u></p> <p><input type="checkbox"/> for which an application for a United States Patent was filed on _____ Application Number _____</p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was executed on _____, and</p> <p>Whereas, <u>National Semiconductor</u> of _____ herein referred to "assignee" whose mailing address is <u>2900 Semiconductor Dr., Mail Stop D3-576, Santa Clara, CA 95051-8090</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>Now, therefore, in consideration of the sum of <u>ten</u> dollars (\$<u>10.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>Executed this <u>23rd</u> day of <u>May</u>, 20<u>05</u></p> <p>at _____</p> <p style="text-align: right;"><u><i>Marcel ter Beek</i></u> (Signature)</p> <p>State of <u>California</u> SS: County of <u>Santa Clara</u> Before me personally appeared said <u>Marcel ter Beek</u> and acknowledged the foregoing instrument to be his free act and deed this <u>23rd</u> day of <u>May</u>, 20<u>05</u></p> <p style="text-align: right;"><u><i>Karen L. Metz</i></u> (Notary Public)</p>	



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PATENT
 REEL: 016615 FRAME: 0567

PTQ/5/15 (08-00)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

PC 6277

Whereas, I, Peter J. Hopper of National Semiconductor hereafter referred to as applicant, have invented certain new and useful improvements in BSD CLAMPS AND NMOS ARRAYS WITH INCREASED ELECTRICAL OVERSTRESS ROBUSTNESS

- for which an application for a United States Patent was filed on Application Number
[X] for which an application for a United States Patent was executed on

Whereas, National Semiconductor of herein referred to as assignee whose mailing address is 2900 Semiconductor Dr., Mail Stop D3-579, Santa Clara, CA is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 20th day of MAY, 2005

at

(Signature)

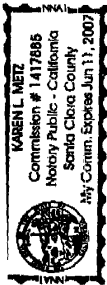
State of California

County of Santa Clara

Before me personally appeared said Peter J. Hopper

and acknowledged the foregoing instrument to be his free act and deed this 20th day of May, 2005

(Notary Public)



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