

09-09-2005



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2 SHEET

PATENTS ONLY

08-31-05

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Submission Type

New

Resubmission (Non-Recordation)
Document ID# _____

Correction of PTO Error
Reel # _____ Frame # _____

Corrective Document
Reel # _____ Frame # _____

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

112987 U.S. PTO
11/216774
083105

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) Vladislav Vashchenko

8 / 30 / 05

Name (line 2) _____

Second Party

Name (line 1) Peter J. Hopper

8 / 30 / 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) _____

09/06/2005 HTECKLU1 00000050 11216774

04 FC:8021

40.00 DP

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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"/>
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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 only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

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

Method of Payment:
Deposit Account

Enclosed 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
Name of Person Signing


Signature

8/31/05
Date

REGISTRATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

112987 U.S. PTO
11/21/05
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Receiving Party(ies)

Mark if additional names of receiving parties attached

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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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)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P6396

Whereas, I, Vladislav Vashchenko of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in _____

DUAL DIRECTION ESD CLAMP BASED ON SNAPBACK NMOS CELL WITH EMBEDDED SCR

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 95051-8090 is de-

sirous 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 30th day of August, 2005, at _____

(Signature)

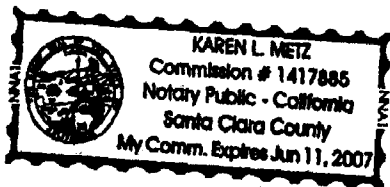
State of California:
County of Santa Clara

Before me personally appeared said Vladislav Vashchenko and acknowledged the foregoing instrument to be his free act and deed this 30th day of August, 2005.

(Notary Public)

Seal

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.



ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P06396

Whereas, I, Peter J. Hopper of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in

DUAL DIRECTION ESD CLAMP BASED ON SNAPBACK NMOS CELL WITH EMBEDDED SCR

[] 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, and

Whereas, National Semiconductor of 2900 Semiconductor Dr., Mail Stop D3-579, Santa Clara, CA "assignee" whose mailing address is 95051-8090 is de-

sirous 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 30th day of August, 2005 at

[Handwritten Signature]

(Signature)

State of California ss: County of Santa Clara

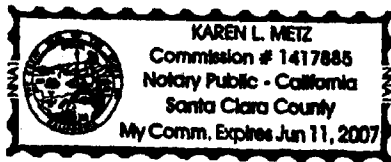
Before me personally appeared said Peter J. Hopper and acknowledged the foregoing instrument to be his free act and deed this 30th day of August, 2005.

[Handwritten Signature]

(Notary Public)

Seal

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.



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ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06396
<p>Whereas, I, <u>Philipp Lindorfer</u> of <u>National Semiconductor</u>, hereafter referred to as applicant, have invented certain new and useful improvements in _____</p> <p><u>DUAL DIRECTION ESD CLAMP BASED ON SNAPBACK NMOS CELL WITH EMBEDDED SCR</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 as assignee, <u>2900 Semiconductor Dr., Mail Stop D3-579, 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>31st</u> day of <u>August</u>, 20<u>05</u></p> <p>at _____</p> <p style="text-align: right;"><u>Philipp Lindorfer</u> (Signature)</p> <p>State of <u>California</u> SS: County of <u>Santa Clara</u> Before me personally appeared said <u>Philipp Lindorfer</u> and acknowledged the foregoing instrument to be his free act and deed this <u>31st</u> day of <u>August</u>, 20<u>05</u>.</p> <p style="text-align: right;"><u>Karen L. Metz</u> (Notary Public)</p> <p style="text-align: center;">Seal</p>	

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