

08-13-2002



102187316
**RECORDATION FORM COVER SHEET
PATENTS ONLY**

1087 U.S. PTO
10/210941
08/02/02

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

Submission Type

New *08/02/02*

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

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)

Name (line 2)

Second Party

Name (line 1) *10/210941*

Name (line 2)

Execution Date
Month Day Year
7/26/02

Execution Date
Month Day Year
7/30/02

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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.)

Domestic Representative Name and Address

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Name

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Address (line 2)

Address (line 3)

Address (line 4)

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RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

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Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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)

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)

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

U.S. PATENT
10/210941
08/02/02

Correspondent Name and Address

Area Code and Telephone Number

Name Jurgen Vollrath

Address (line 1) 588 Sutter Street #531

Address (line 2) San Francisco, CA

Address (line 3) 94102

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 4

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"/>
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<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 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): \$ 40

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

J. Vollrath

Signature

8/2/02

Date

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P05311

Whereas, I, Vladislav Vashchenko of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in LOW VOLTAGE COMPLEMENTARY ESD PROTECTION STRUCTURES

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 "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 28th day of July, 2002, at Santa Clara County

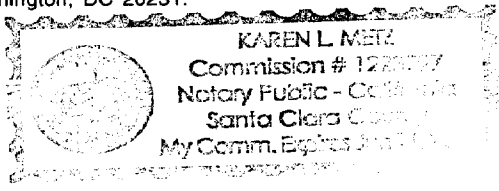
[Signature]
(Signature)

State of California SS:
County of Santa Clara
Before me personally appeared said Karen L. Metz
and acknowledged the foregoing instrument to be his free act and deed this 28th
day of July, 2002

[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.



ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P05311

Whereas, I, Ann Concannon of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in LOW VOLTAGE COMPLEMENTARY ESD PROTECTION STRUCTURES

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 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 30 day of July, 2002, at Santa Clara County

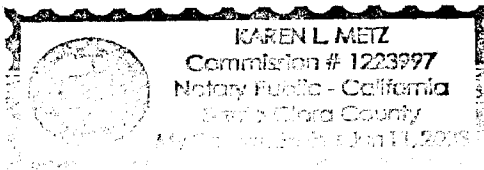
Ann Concannon
(Signature)

State of California SS:
County of Santa Clara
Before me personally appeared said Ann Concannon
and acknowledged the foregoing instrument to be his free act and deed this 30th
day of July, 2002

Karen L. Metz
(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P05311

Whereas, I, Peter J. Hopper of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in LOW VOLTAGE COMPLEMENTARY ESD PROTECTION STRUCTURES

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 30 day of July, 20 02, at Santa Clara County.

[Handwritten Signature]
(Signature)

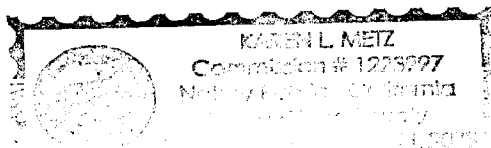
State of California SS:
County of Santa Clara
Before me personally appeared said Peter J. Hopper
and acknowledged the foregoing instrument to be his free act and deed this 30th
day of July, 20 02

Peter J. Hopper

[Handwritten Signature]
(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P05311

Whereas, I, Marcel ter Beek of National Semiconductor, hereafter referred to as applicant, have invented certain new and useful improvements in LOW VOLTAGE COMPLEMENTARY ESD PROTECTION STRUCTURES

[] 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 July, 2002

at Santa Clara County

[Signature] (Signature)

State of California, SS: County of Santa Clara

Before me personally appeared said Marcel ter Beek and acknowledged the foregoing instrument to be his free act and deed this 30th day of July, 2002.

[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.

