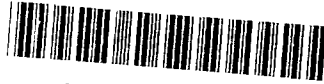


08-30-2005

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECOF



103071124

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)/Execution Date(s):

Mark Hartman Pasi Salmi
James T. Doyle Juha Penannen
Dragan Maksimovic Sandeep Dhar

Execution Date(s) 5/23/05, 5/23/05, 5/23/05, 5/26/05
5/26/05, 5/23/05

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: National Semiconductor Corporation

Internal Address: _____

Street Address: 2900 Semiconductor Drive

City: Santa Clara

State: California

Country: U.S.A. Zip: 95051

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/134,997

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Docket Clerk

Internal Address: _____

Street Address: P.O. Drawer 800889

City: Dallas

State: Texas Zip: 75380

Phone Number: 972-628-3600

Fax Number: 972-628-3616

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 by credit card
☒ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-0208

Authorized User Name William A. Munck

9. Signature:

William A. Munck
Signature

Aug 23, 2005
Date

William A. Munck, Reg. No. 39,308

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/29/2005 ECDOPER 00000007 11134997

01 FC:8021

40.00 UP

PATENT
REEL: 016918 FRAME: 0906

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06252
----------------------------------	------------------------------------

Whereas, I/We, James T. Doyle of Nederland, Colorado, hereafter referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM

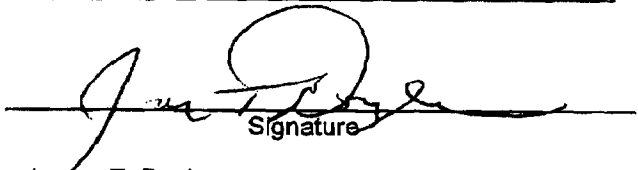
☒ for which an application for a United States Patent was filed on May 23, 2005
Application Number 11/134,997

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

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 here referred to "assignee" whose mailing address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), 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 rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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.

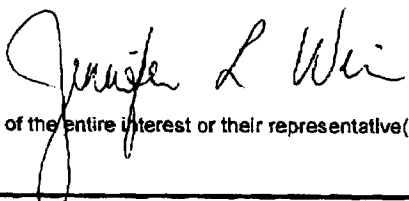
Executed this 23 day of MAY, 20 05
at _____



 Signature

State of Colorado)
County of Boulder) SS: James T. Doyle
Printed Name/Registration No., if applicable

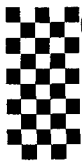
Before me personally appeared said James T. Doyle
and acknowledged the foregoing instrument to be his free act and deed this 23rd
day of May, 20 05

See: 

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

☒ Total of 6 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.



Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06252
<p>Whereas, I/We, <u>Dragan Maksimovic</u> of <u>Boulder, Colorado</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>May 23, 2005</u> Application Number <u>11/134,997</u>.</p> <p><input type="checkbox"/> for which an application for a United States Patent was executed on _____, and</p> <p>Whereas, <u>National Semiconductor Corporation</u> of <u>Santa Clara, California 95051</u> here referred to "assignee" whose mailing address is <u>2900 Semiconductor Drive</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>Two</u> dollars (\$ <u>2.00</u>), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), 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 rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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>23</u> day of <u>May</u>, 20 <u>05</u> at <u>Boulder, CO</u></p> <div style="text-align: right; margin-right: 100px;"><u><i>Dragan Maksimovic</i></u> Signature</div> <p>State of <u>Colorado</u>) County of <u>BOULDER</u>) SS: <u>Dragan Maksimovic</u> Printed Name/Registration No., if applicable</p> <p>Before me personally appeared said <u>Dragan Maksimovic</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> <div style="text-align: right; margin-right: 100px;"><u><i>Heaven J. Makarewicz</i></u> NOTARY PUBLIC my commission expires <u>March 1, 2009</u></div> <p>Seal</p> <p><small>Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.</small></p> <p><input checked="" type="checkbox"/> Total of <u>6</u> forms are submitted.</p>	

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P08252

Whereas, I/We, Pasi Salmi of Kemi, Finland, hereafter referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM

☒ for which an application for a United States Patent was filed on May 23, 2005
Application Number 11/134,997

☐ for which an application for a United States Patent was executed on _____, and
Whereas, National Semiconductor Corporation of Santa Clara, California 95051 here referred to "assignee" whose mailing address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), 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 rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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 26 day of May, 20 05
at Kemi, Finland


Signature

State of _____ SS: Pasi Salmi
County of _____ Printed Name/Registration No., if applicable

Before me personally appeared said Pasi Salmi
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20 05.

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☒ Total of 6 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06252
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Whereas, I/We, Sandeep Dhar of Boulder, Colorado, hereafter referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM

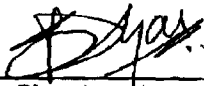
☒ for which an application for a United States Patent was filed on May 23, 2005
 Application Number 11/134,997

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

Whereas, National Semiconductor Corporation of Santa Clara, California here referred to "assignee" whose mailing address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), 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 rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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.

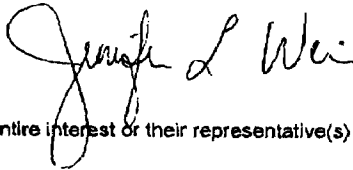
Executed this 23rd day of May, 20 05
 at _____



 Signature

State of Colorado SS: Sandeep Dhar
 County of Boulder Printed Name/Registration No., if applicable

Before me personally appeared said Sandeep Dhar
 and acknowledged the foregoing instrument to be his free act and deed this 23rd
 day of May, 20 05

Seal 

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☒ Total of 6 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Sample Form (former PTO/SB/16) (05-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06252
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Whereas, I/We, Juha Pennanen of Oulu, Finland, hereafter referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM


☒ for which an application for a United States Patent was filed on May 23, 2005
Application Number 11/134,997

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

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 here referred to "assignee" whose mailing address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), 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 rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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 26th day of May, 20 05
at _____



Signature

State of Colorado)
County of _____) SS: Juha Pennanen
Printed Name/Registration No., if applicable

Before me personally appeared said Juha Pennanen
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20 05

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☒ Total of 6 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P06252

Whereas, I/We, Mark Hartman of Santa Clara, California, hereafter referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM

☒ for which an application for a United States Patent was filed on May 23, 2005
Application Number 11/134,997.

☐ for which an application for a United States Patent was executed on _____, and
Whereas, National Semiconductor Corporation of Santa Clara, California 95051 here referred to "assignee" whose mailing address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), 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 rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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 23rd day of May, 20 05
at Santa Clara, California


Signature

State of California)County of Santa Clara

SS:

Mark Hartman

Printed Name/Registration No., if applicable

Before me personally appeared said Mark Hartmanand acknowledged the foregoing instrument to be his free act and deed this 23rdday of May, 20 05.

Seal



Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.

☒ Total of 6 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

RECORDED: 08/26/2005

PATENT
REEL: 016918 FRAME: 0912