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05/19/2010

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

06-01-2010

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103598412

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

1. Name of conveying party(ies)

Giovanni Frattini
Giorgio Spiazzi
Paolo Mattavelli

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 05/12/10, 05/17/10 & 05/18/10, respectively

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ 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)

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: P.O. Drawer 800889

Street Address: _____

City: Dallas

State: TX Zip: 75380

Phone Number: (972) 628-3600

Fax Number: (972) 628-3616

Email Address: _____

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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

8. Payment Information

Deposit Account Number 50-0208

Authorized User Name William A. Munck

9. Signature:

Signature

May 19, 2010

Date

William A. Munck Registration No. 39,308

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1450

05/21/2010 HVUONG1 00000046 12800618

04 FC:8021

48.00 OP

PATENT
REEL: 024461 FRAME: 0785

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P07458

Whereas, I/We, Giovanni Frattini of Travaco Siccomario, Italy, hereafter referred to as applicant, have invented certain new and useful improvements in HIGH STEP-UP RATIO SOFT-SWITCHED FLYBACK CONVERTER

☐ 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 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 12 day of MAY, 20 10

at MILAN, ITALY

Giovanni Frattini

Signature

State of _____

SS:

Giovanni Frattini

Printed Name/Registration No., if applicable

County of _____

Before me personally appeared said Giovanni Frattini

and acknowledged the foregoing instrument to be his free act and deed this _____

day of _____, 20 10

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 _____ 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)

P07458

Whereas, I/We, Giorgio Spiazzi of Legnago, Italy, hereafter referred to as applicant, have invented certain new and useful improvements in HIGH STEP-UP

RATIO SOFT-SWITCHED FLYBACK CONVERTER

☐ 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
Universita' degli Studi

Whereas, di Padova of Padova, Italy here referred

to "assignee" whose mailing address is Via 8 febbraio, 2, 35122 Padova, Italy 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 17 day of May, 20 10
 at Padova, Italy


 Signature

State of _____

SS:

Giorgio Spiazzi

Printed Name/Registration No., if applicable

County of _____

Before me personally appeared said Giorgio Spiazzi

and acknowledged the foregoing instrument to be his free act and deed this 17

day of May, 20 10

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 _____ 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)

P07458

Whereas, I/We, Paolo Mattavelli of Padova, Italy, hereafterreferred to as applicant, have invented certain new and useful improvements in HIGH STEP-UPRATIO SOFT-SWITCHED FLYBACK CONVERTER☐ 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
Università degli StudiWhereas, di Padova of Padova, Italy here referredto "assignee" whose mailing address is Via 8 febbraio, 2, 35122 Padova, Italy 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 18th day of May, 20 10at DTE, UNIVERSITY OF PADOVA, VICENZAPaolo Mattavelli

Signature

State of _____

SS:

Paolo Mattavelli

Printed Name/Registration No., if applicable

County of ITALYBefore me personally appeared said Paolo Mattavelli

and acknowledged the foregoing instrument to be his free act and deed this _____

day of _____, 20 10.

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 _____ forms are submitted.

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PATENT

RECORDED: 05/19/2010

REEL: 024461 FRAME: 0788