

06-01-2005

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)



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

5/27/05

RL

103012503

PATENTS ONLY

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):

James T. Doyle
Dae Woon Kang

Execution Date(s) 02/24/2005, respectively

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

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

3. Nature of conveyance:

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/065,172

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:

Signature

May 23, 2005
Date

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

Name of Person Signing

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

3

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

05/31/2005 ECOOPER 00000061 11065172

01 FC:0021

40.00 DP

PATENT
REEL: 016601 FRAME: 0525

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

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P06217

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 A POWER CONTROLLER WITH FLAT AMPLITUDE AND PHASE RESPONSE

for which an application for a United States Patent was filed on 02/24/2005
Application Number 11/065,172

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 24 day of February, 20 05
at 2011 Ken Pratt Blvd, Loveland, Co 80538

James T. Doyle
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 24 day of February, 20 05

Seal



Shana Cook

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 2 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)
P06217

Whereas, I/We, Dae Woon Kang of Boulder, Colorado, hereafter referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING A POWER CONTROLLER WITH FLAT AMPLITUDE AND PHASE RESPONSE

for which an application for a United States Patent was filed on 02/24/2005
Application Number 11/065,172

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 24 day of February, 20 05

at 200 Kan Pratt Blvd, Longmont, CO 80501

Dae Woon Kang

Signature

State of Colorado)

Dae Woon Kang

SS:

Printed Name/Registration No., if applicable

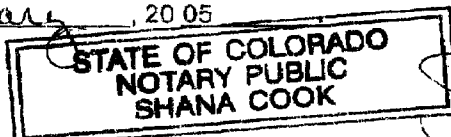
County of Boulder)

Before me personally appeared said Dae Woon Kang

and acknowledged the foregoing instrument to be his free act and deed this 24

day of February, 20 05

Seal:



Shana Cook

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 2 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.