

09-22-2009



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To the Director of the U.S. Patent and

Documents or the new address(es) below.

9-10-09

1. Name of conveying party(ies)

Scott D. Kulchycki

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/Execution Date(s):

Execution Date(s) September 10, 2009

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

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: 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 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

September 10, 2009

Date

William A. Munck Reg. No. 39,308
Name of Person Signing

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

2

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 1450, Alexandria, V.A. 22313-1450

09/14/2009 CNGUYEN2 00000007 12584701
01 FC:0021

PATENT

48.00 OP

REEL: 023264 FRAME: 0832

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P07473

Whereas, I/We, Scott D. Kulchycki of Mountain View, California, hereafter referred to as applicant, have invented certain new and useful improvements in ANALOG-TO-DIGITAL CONVERTER HAVING OUTPUT DATA WITH REDUCED BIT-WIDTH AND RELATED SYSTEM AND METHOD

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 September 10, 2009, 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 10th day of September, 20 09
at _____

Scott Kulchycki
Signature

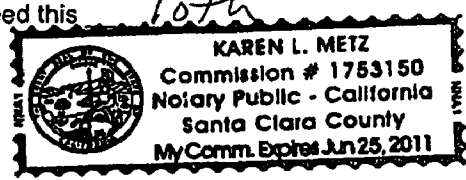
State of California
County of Santa Clara SS:

Scott D. Kulchycki
Printed Name/Registration No., if applicable

Before me personally appeared said Scott D. Kulchycki

and acknowledged the foregoing instrument to be his free act and deed this 10th day of September, 20 09

Seal Karen L. Metz



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.