

Form PTO-1595 (Rev. 06-12)
OMB No. 0651-0027 (exp. 04/30/2015)

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

RECORDATION FORM COVER SHEET 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)

Alexander H. Owens

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: US Zip: 95051

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

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

Execution Date(s) October 16, 2009

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

4. Application or patent number(s):

A. Patent Application No.(s)

13/762,656

This document serves as an Oath/Declaration (37 CFR 1.63).

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Texas Instruments Incorporated

Internal Address: _____

Street Address: 12500 TI Boulevard, M/S 3999

City: Dallas

State: TX Zip: 75243

Phone Number: 214-479-1287

Docket Number: TI-87990.1

Email Address: uspto@ti.com

6. Total number of applications and patents involved: _____

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 20-0668

Authorized User Name Jacqueline J. Garner

9. Signature:

Donna F. Williams

Signature

9/11/2009

Date

Donna F. Williams

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

CH \$40.00 200668 13762656

Sample Form (former PTO/SB/18) (02-03)

| | |
|----------------------------------|------------------------------------|
| ASSIGNMENT OF APPLICATION | Docket Number (Optional) P07421 |
|----------------------------------|------------------------------------|

Whereas, I/We, Alexander H. Owens of Los Gatos, California, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD FOR IMPROVED MOBILITY USING HYBRID ORIENTATION TECHNOLOGY (HOT) IN CONJUNCTION WITH SELECTIVE EPITAXY AND RELATED APPARATUS

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 October 16, 2009, and

Whereas, National Semiconductor Corporation of Santa Clara, California here referred to as "assignee" whose mailing address is 2600 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 acknowledged, 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 16 day of October, 20 09

at: _____

Alexander H. Owens
Signature

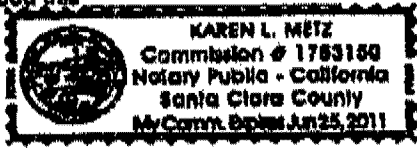
State of California SS: _____
County of Santa Clara Printed Name/Registration No., if applicable

Before me personally appeared said Alexander H. Owens

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

day of October, 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.

RECORDED: 10/16/2009

PATENT
REEL: 023433 FRAME: 0712

RECORDED: 09/11/2013

PATENT
REEL: 031263 FRAME: 0246