

12/04/01

12-17-2001



101916538

ICARS USE PTO  
10/004752  
12/04/01

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

**New**

**Resubmission (Non-Recordation)**  
Document ID# \_\_\_\_\_

**Correction of PTO Error**  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Corrective Document**  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

**Assignment**     **Security Agreement**

**License**     **Change of Name**

**Merger**     **Other** \_\_\_\_\_

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

**Departmental File**     **Secret File**

**Conveying Party(ies)**

**Mark if additional names of conveying parties attached**

**Name (line 1)** \_\_\_\_\_ **Execution Date**  
Month Day Year  
12 03 2001

**Name (line 2)** \_\_\_\_\_

**Second Party**

**Name (line 1)** \_\_\_\_\_ **Execution Date**  
Month Day Year

**Name (line 2)** \_\_\_\_\_

**Receiving Party**

**Mark if additional names of receiving parties attached**

**If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)**

**Name (line 1)** \_\_\_\_\_

**Name (line 2)** \_\_\_\_\_

**Address (line 1)** \_\_\_\_\_

**Address (line 2)** \_\_\_\_\_

**Address (line 3)** \_\_\_\_\_ **California** \_\_\_\_\_ **95051**  
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

**Name** \_\_\_\_\_

**Address (line 1)** \_\_\_\_\_

**Address (line 2)** \_\_\_\_\_

**Address (line 3)** \_\_\_\_\_

**Address (line 4)** \_\_\_\_\_

12/14/2001 LMUELLER 00000182 140448 10004752  
01 FC:581 40.00 CH

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number

(214) 922-9221

Name Docket Clerk

Address (line 1)

Address (line 2)

P.O. Drawer 800889

Address (line 3)

Dallas, Texas 75380

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Three rows of empty boxes for Patent Application Number(s).

Three rows of empty boxes for Patent Number(s).

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT [ ] PCT [ ] PCT [ ]  
PCT [ ] PCT [ ] PCT [ ]

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 140448

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

William A. Munck

Name of Person Signing

*William A. Munck*  
Signature

Dec 4, 2001  
Date

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**ASSIGNMENT OF APPLICATION**

Docket Number (Optional)  
P05054

Whereas, I, Kern W. Wong of Sunnyvale, California, hereafter referred to as applicant, have invented certain new and useful improvements in Improved Voltage Regulator and Method Using High Density Integrated Inductors and Capacitors for Radio Frequency Suppression

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 95051 herein referred to "assignee" whose post office 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 acknowledged, and other good and valuable consideration, I, the applicant, 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 right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks 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 3rd day of December, 2001,

at National Semiconductor Corporation

Kern Wong  
\_\_\_\_\_  
(Signature)

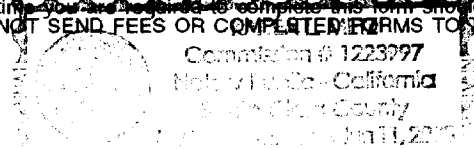
State of California SS:  
County of Santa Clara

Before me personally appeared said Kern W. Wong and acknowledged the foregoing instrument to be his free act and deed this 3rd day of December, 2001.

Karen L. Metz  
\_\_\_\_\_  
(Notary Public)

Seal

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you take to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.



RECORDED: 12/04/2001

PATENT  
REEL: 012360 FRAME: 0549