


03-24-2005

Form PTO-1595 (Rev. 10/02)		RECORDATION <b>PATI</b>		 102965785		DEPARTMENT OF COMMERCE Patent and Trademark Office	
OMB No. 0651-0027 (exp. 6/30/2005)		Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.							
1. Name of conveying party(ies):  Gabriele Manganaro <i>mlp 3-10-05</i>				2. Name and address of receiving party(ies) Name: <u>National Semiconductor Corporation</u> Internal Address: _____ _____ _____ Street Address: <u>2900 Semiconductor Drive</u> _____ _____ City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95050</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>3-8-2005</u>							
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>3-8-2005</u> A. Patent Application No.(s) _____ B. Patent No.(s) _____ _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Carmen C. Cook</u> Internal Address: <u>Patent Law Group LLP</u> <u>KBETEMAI 00000086 11077742</u> <u>40.00 DP</u> Street Address: <u>2635 N. First St., Suite 223</u> _____ City: <u>San Jose</u> State: <u>CA</u> Zip: <u>95134</u>				6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed - Charge our Credit Card Form PTO-2038 enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____			
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9. Signature.  <u>Carmen C. Cook, Reg. 42,433</u> Name of Person Signing <u><i>Carmen Cook</i></u> Signature <u>3/10/2005</u> Date Total number of pages including cover sheet, attachments, and documents: <u>2</u>							

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

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I, **Gabriele Manganaro**, of **Boxborough, Massachusetts**, hereby sell, assign and transfer to **National Semiconductor Corporation**, a Delaware corporation, having a place of business at 2900 Semiconductor Drive, Santa Clara, CA 95050, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**Current Steering Digital To Analog Converter with Improved Dynamic Linearity**

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 8 day of MARCH, 2005.

  
Gabriele Manganaro

State of New Hampshire )  
County of Rockingham ) ss.

On March 8, 2005 before me, Linda M. Carolan  
personally appeared Gabriele Manganaro personally known to  
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are)  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
SIGNATURE OF NOTARY