OMB No. 0651-0027 (exp. 5/31/2002)  To the Honorable Commissioner of Patents and Trademarks.	ped original documents or copy the
1. Name of conveying party(ies):  James S. Prater  Additional name(s) of conveying party(ies) attached? [] Yes [X]No  3. Nature of conveyance:  [X] Assignment [] Merger  [] Security Agreement [] Change of Name  [] Other  Execution Date: January 7, 2003  4. Application number(s) or patent number(s): NSC.01US01 (P-C	2. Name and address of receiving party(ies)  Name: National Semiconductor, Inc.  Internal Address: 2900 Semiconductor Drive Mailstop D3-579 Santa Clara, CA 95051  Street Address: 2900 Semiconductor Drive Mailstop D3-579  City: Santa Clara State: CA ZIP: 80528  Additional name(s) & address(es) attached? [ ] Yes [ X ]
If this document is being filed together with a new application,  A. Patent Application No.(s): 09/872,271  Title: Over-sampling A/D converter with adjacent Channel power detection Filed: June 1, 2001  Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed  Name: William W. Cochran II	B. Patent No.(s)
Internal Address: The Law Offices of William W. Cochran, LLC  3555 Stanford Road, Suite 230  Fort Collins, CO 80525  Street Address: 3555 Stanford Road, Suite 230  City: Fort Collins State: CO ZIP: 80525	7. Total fee (37 CFR 3.41)\$40,00  [X] Enclosed  [] Authorized to be charged to deposit account  8. Deposit account number:  50-1491  (Attach duplicate copy of this page if paying by deposit account
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Statement and signature.  To the best of my knowledge and belief, the foregoing information the original document  William W. Cochran  Name of Person Signing  Name of Person Signing  Name of Person Signing  Name of Person Signing  Signature.  Total number of pages including cover s	ture 8 Jan 03  Date

Washington, D.C. 20231

HH:732226 v1

When recorded please return to: The Law Offices of William W. Cochran, LLC 3555 Stanford Road, Suite 230 Fort Collins, CO 80525

## PATENT APPLICATION DOCKET NO.: NSC,01US01 (P-04954)

## ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to
(hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign an transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under a application for Letters Patent of the United States entitled:
Once a small to a 4/D and a sharp with a 1/2 and a bound a small a sma
Over-sampling A/D converter with adjacent channel power detection  Filing date:June 1, 2001 Serial No.: 09/872,271 and the invention(s) and improvement(s) set forth therein, and any and a continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.
I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held an enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which sai-Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have no executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assigned as assigned of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.
l/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application nov identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
Date Assignment Signed: 1-7-03
inventor's Signature (Seal)
Inventor's Typed Name: James S. Prater
State of Colorado )
County of Larimer )
Before me this 12 day of January 2003, personally appeared James S. Prater who is personally known or proved to me of the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.
Notary Public  My commission expires: 2, 2005

RECORDED: 01/14/2003

(Rev. 4/1/96) HH:732192 v1

PATENT Page 1 of

**REEL: 013654 FRAME: 0536**