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To the Honorable Commissioner of Patents and

documents or copy thereof

1. Name of conveying party(ies): Alexander Burinskiy (02/10/2004) and Luan Vu (02/10/2004) Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies) Name: National Semiconductor Internal Address: Street Address: 2900 Semiconductor Drive City: Santa Clara State: CA Zip: 95051-8090 Additional name(s) & address(es) attached: [ ] Yes [x] No

3. Nature of Conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: see Box 1, conveying parties

4. Application number(s) or patent number(s): 10782513 If this document is being filed together with a new application, the execution date of the new application is: February 18, 2004 A. Patent Application No.(s): This application B. Patent No.(s): Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: John W. Branch DARBY & DARBY P.C. Internal Address: Atty. Dkt.: 08211/0200373-US0 Street Address: P.O. Box 5257 City: New York State: NY Zip: 10150-5257

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 [x] Enclosed [ ] Authorized to be charged to deposit account [ ] Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: 04-0100 (Attach duplicate copy of this page if paying by deposit account)

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9. 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. John W. Branch - 41,633 Name of Person Signing Signature February 18, 2004 Date Total number of pages including cover sheet, attachments, and documents:

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**ASSIGNMENT**

I, Alexander Burinskiy, a citizen of Russian Federation, residing at 7150 Rainbow Dr.; San Jose, California 95129; and

I, Luan Vu, a citizen of US, residing at 1905 Orolette Place; San Jose, California 95131;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

National Semiconductor

a Corporation organized under the laws of Delaware, located at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

**APPARATUS AND METHOD FOR SENSING CURRENT IN A POWER TRANSISTOR**

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or



