(Rev. 03/ 01) OMB No. 0651-0027 (exp. 5/31	(2002) 2. K. 14			S. Patent and Trademark Office
To the Honorable Comr	nissioner of Patents and	10	2681174 -	documents or copy thereof
1. Name of conveying	party(ies):		2. Name and address of	receiving party(ies)
Alexander Burinskiy (0 (02/10/2004)	2/10/2004) and Luan Vu		Name: National Semio	conductor
Additional name(s) of convey attached?	ring party(ies) Yes	x No	Street Address: 2900 Semiconductor	Drive
3. Nature of Conveyan X Assignment Security Agreemen	Merger	ame	City: Santa Clara	:
Other			-	Zip: 95051-8090
	see Box 1, conveying part	ties	State: <u>CA</u> Additional name(s) & address(es) attached:	Yes x No
• •	r(s) or patent number(s): ed together with a new applica No.(s):		28 25/3 ecution date of the new applicat B. Patent No.(s):	tion is: February 18, 2004
	Additional number	ers attache	d? Yes x No	
Name and address of party to whom correspondence concerning document should be mailed:			Total number of applic patents involved:	ations and
Name: John W. Branch DARBY & DARBY P.C.			7. Total fee (37 CFR 3.4	41) \$ 40.00
Internal Address: Atty	. Dkt.: 08211/0200373-U	S0	x Enclosed	
Street Address:			Authorized to be	e charged to deposit account
P.O. Box 5257			Authorized to be (Form 2038 enclosed	e charged to credit card d)
			8. Deposit account num	ber:
City: New York	State: Zip: NY 10150-5	257		04-0100 s page if paying by deposit account)
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9. Statement and signat				
•	wledge and belief, the fore	egoinginfo	rmation is true and correc	t and any attached copy
	anch - 41,633 erson Signing /		Signature	February 18, 2004 Date
Total nur	mber of pages including cover	sheet, attach	ments, and documents:	

Form PTO-1595

02/25/2004 SMINASSI 00000065 10782513

40.00 OP

Attorney Docket No.: 08211/0200373-US0

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

PATENT REEL: 015010 FRAME: 0233 a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date of.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

IN TESTIMONY WHEREOF,	I have hereunto set my hand this day of
10, Feb , 2004	The state of the s
STATE OF <u>California</u>) COUNTY OF <u>Santa cla</u> sa	Alexander Burinskiy

On this <u>10 44</u> day of <u>February</u>, 2004, before me personally appeared Alexander Burinskiy to me known and known to me to be the person described in and who executed

{S:\8211\0200373-us0\80003598.DOC *82110200373-US0* }2

PATENT REEL: 015010 FRAME: 0234 the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Liza Smalyanitsky Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of

2 07 , 2004

STATE OF <u>California</u>)
COUNTY OF <u>Santa clara</u>

On this 10th day of February, 2004, before me personally appeared Luan Vu to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Liza Smolyanitsky Notary Public

LIZA SMOLYANITSKY

RECORDED: 02/18/2004

PATENT REEL: 015010 FRAME: 0235