FORM PTC-1598 7699

06-10-1999



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Commissioner of Patents and Traden. 10105	8989 Al documents or copy thereof.
1. Name of conveying party(ies): PAVEL POPLEVINE ALEXANDER KALNITSKY ALBERT BERGEMONT	2. Name and address of receiving party(ies):  Name: NATIONAL SEMICONDUCTOR CORPORATION  A CONTROL Address: M/S D3-570
Additional name(s) of conveying party/iss) attached?	Internal Address: M/S D3-579
Additional name(s) of conveying party(ies) attached?    Yes     X   No	Street Address: 2900 Semiconductor Drive U
	City, State and Zip: Santa Clara, CA 95051-8090
3. Nature of Conveyance:  X Assignment	Additional Name(s) & address(es) attached?  Yes X No
Security Agreement Change of Name  Other	
Execution Date: <u>5/20/99; 5/20/99; 5/24/99</u>	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new app 5/20/99; 5/24/99	lication, the execution date of the application is: 5/20/99;
A. Patent Application No.(s) NEW	B. Patent No.(s)
(9330413 Additional numbers attached?	Yes X No
<ol> <li>Name and address of party to whom correspondence concern document should be mailed:</li> </ol>	ning 6. Total number of applications and patents involved: 1
Name: Mark C. Pickering	7. Total fee (37 CFR 3.41):\$40.00
Internal Address: Limbach & Limbach L.L.P. Street Address: 2001 Ferry Building City, State, ZIP: San Francisco, California 94111 Telephone: (415) 433-4150	X Enclosed X Charge any deficiencies in the enclosed fee to Deposit Account No. 12-1420 Authorized to be charged to deposit account
Facsimile: (415) 433-8716	8. Deposit account number: 12-1420
Attorney Docket No. NSC1-F0900 [P04193]	(Attach duplicate copy of this page if paying by deposit account)
DO NOT U	SE THIS SPACE
9. Statement and signature.	
	ue and correct and any attached copy is a true copy of the original document.
Mark C. Pickering, Reg. No. 36,239  Name of Person Signing	3-26-99 Signature Date
Total number	r of pages including cover sheet, attachments and\document: 3
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	detach this portion
Mail documents to be recorded with required cover sheet information to	arks, Box Assignments, Washington, D.C. 20231
	ge about 30 minutes per document to be recorded including time for reviewing the
document and gathering the data needed, and completing and reviewing	the sample cover sheet. Send comments regarding this burden estimate to the U.S. Washington, D.C. 20213, and to the Office of Management and Budget, Paperwork
EXPRESS MAIL LABEL NO.: EL151573005US	1388
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Revised: 4/21/97

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## ASSIGNMENT

WHEREAS, WE, <u>PAVEL POPLEVINE</u>, <u>ALEXANDER KALNITSKY</u>, <u>and ALBERT BERGEMONT</u>, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SENSE AMPLIFIER HAVING A BIAS CIRCUIT WITH A REDUCED SIZE
Application Execution Date: Filing Date: HEREWITH
Appln. No.: <u>NEW</u> ;
WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, M/S D3-579, Santa Clara, California 95051-8090, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto sai Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.
Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.
We hereby authorize and request our attorney, Mark C. Pickering, of Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, California 94111-4262, to insert here in parentheses (application number, filed) the filing date and application number of said application when known.
IN TESTIMONY WHEREOF, Assignor has hereunto signed his her name to this assignment on the dates indicated below.
Dated: May 20, 1999  Tovel laplying  AVEL POPLEVINE
State of California
County of Santa Clara
on May 20, 1979 before me, Eugene C. Conser (Notary)  personally appeared Pavel Paylow Une  personally appeared to me on the basis of satisfactory evidence to be the person of whose name (of is large subscribed to the within instrument and acknowledged to me that he she/they executed the same in (his her/their authorized capacity (des), and that by his her/their signature of on the instrument the person of acted, executed the instrument.
WITNESS my hand and official seal.
EUGENE C. CONSER Commission # 1172584 Notary Public - Colifornia

- Page 1 of 2 -

Rev. 07/20/98

Santa Clara County My Comm. Expires Feb 6, 2002

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IN TESTIMONY WHEREOF, Assignor has he	ereunto signed his/er name to this assignment on the dates
sted: 8-20-99	Addahara KAMPISKY
cate of California	ALEXANDIK KILLATOKI
ounty of Santa Clava	
May 20, 1999 before me,	Fugene Conser (Notary)  Jantsky personally known to me or proved to the state below the same in higher subscribed to the same in this health authorized
o me on the basis of satisfactory evidence thin instrument and acknowledged to me the apacity (ies), and that by his/her/their signal of which the person of acted, execut	gnature(s) on the instrument the person(s), or the entity upon
	WITNESS my hand and official seal.
EUGENE C. CONSER Commission # 1172584 Notary Public - California	Signature of Notary
Santa Clara County  My Comm. Expires Feb 6, 2002	
IN TESTIMONY WHEREOF, Assignor has he adicated below.	ereunto signed his her name to this assignment on the dates
5/24   99	NI BERT BERCOMONT
cate of California	
ounty of <u>Santa Clara</u>	
May 24, 199 before me, I	Eugene C. Conser (Notary) represent personally known to me or proved
, me on the bacic of catistactory evidence	at to be the person a whose name s) (15) are subscribed to the hat he she/they executed the same in (his) her/their authorized and in the instrument the person (s), or the entity upon
. ,	WITNESS my hand and official seal.
EUGENE C. CONSER Commission # 1172584	Signatur of Notary
Notary Public - California & Santa Clara County My Comm. Expires Feb 6, 2002	
my section expires ( eu a, 2002 )	

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