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	J.S. DEPARTMENT OF COMMERCI
RECOF	
To the Director of the U.S. Patent and Trademark Office: Ple	ease record the attached
1. Name of conveying party(ies)/Execution Date(s	2. Name and address of receiving party(ies)
Mark Hartman Pasi Salmi	Name: National Semiconductor Corporation
James T. Doyle Juha Penannen	Internal Address:
Dragan Maksimovic Sandeep Dhar	
5/23/05, 5/23/05, 5/23/05, 5/26/05 Execution Date(s) <u>5/26/05, 5/23/05</u>	Charles Address Conservation in the Conservati
Additional name(s) of conveying party(ies) attached? Yes	- Street Address: 2900 Semiconductor Drive
3. Nature of conveyance:	
Assignment Merger	City: _Santa Clara
Security Agreement Change of Name	
Government Interest Assignment	State.
Executive Order 9424, Confirmatory License	Country: U.S.A. Zip: 95051
Other	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Additional name(s) & address(es) attached? Yes Volument is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/134,997	
Additional numbers	
Additional numbers  5. Name and address to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Docket Clerk	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: P.O. Drawer 800889	_ Enclosed
	None required (government interest not affecting title)
City: Dallas	8. Payment Information
State: Texas Zip: 75380	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 972-628-3600	
Fax Number: 972-628-3616	b. Deposit Account Number 50-0208
Email Address:	Authorized User Name William A. Munck
9. Signature: Will Munk	Aug 22 2ME
Signature	Date
William A. Munck, Reg. No. 39,308	Total number of pages including cover

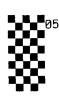
Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

08/29/2005 ECOOPER 00000007 11134997 01 FC:8021 40.00 sheet, attachments, and documents:

	Sample Form (former PTO/SB/15) (08-03)		
	Docket Number (Optional)		
ASSIGNMENT OF APPLICATION	P06252		
Whereas, I/We, James T. Doyleof Nederland, C			
referred to as applicant, have invented certain new and useful improvements	in SYSTEM AND METHOD		
FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE			
for which an application for a United States Patent was filed on May 2.	3, 2005		
11/13/ 007			
Application Number 11/134,997			
for which an application for a United States Patent was executed on	and		
Whereas, National Semiconductor Corporation of Santa Clara, California 95051	here referred		
to "assignee" whose mailing address is 2900 Semiconductor Drive	is		
desirous of acquiring the entire right, title and interest in the same;			
Now, therefore, in consideration of the sum of <u>Two</u> dollars (\$ 2.00 <u>)</u> ), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.			
Executed this 23 day of MAY	, 20 05		
at			
Jun	Signature		
State of Colorado James T. Doyle			
	egistration No., if applicable		
Before me personally appeared saidJames T. Doyle			
and acknowledged the foregoing instrument to be his free act and deed this			
day of, 20 05			
Seal Junife L We			
Note: Signatures of all the inventors or assignees of record of the entire interest or their represent more than one signature is required, See below.	tative(s) are required. Submit multiple forms if		
Total of 6 forms are submitted.			
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ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06252			
Whereas, I/We, <u>Dragan Maksimovic</u> of <u>Boulder Colorado</u> , hereafter				
referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM				
for which an application for a United States Patent was filed on $\underline{\text{May }23}$	, 2005			
Application Number 11/134,997				
for which an application for a United States Patent was executed on	, and			
Whereas, National Semiconductor Corporation of Santa Clara, California 95051	here referred			
to "assignee" whose mailing address is 2900 Semiconductor Drive	is			
desirous of acquiring the entire right, title and interest in the same;				
Now, therefore, in consideration of the sum of <a href="Two">Two</a> dollars (\$ 200), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  Executed this				
	Signature			
	Signature			
State of Colorado Dragan Maksimovic SS: Printed Name/R	egistration No., if applicable			
County of BOULDER	egistration No., il applicable			
Before me personally appeared said <u>Dragan Maksimovic</u>				
and acknowledged the foregoing instrument to be his free act and deed this 2322				
day of May , 20 05 Slave	~ Makarenich			
Seal	Makarenich NOTARY PUBLIC 14 domaission 4 peries maich 1, 2009			
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if				
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			Sample Form (former PTO/SB/15) (08-03)
ASSIGNN	IENT OF APPLICAT	ION	Docket Number (Optional) P08252
Whereas, I/We, Paal Salmi			hereafter
referred to as applicant, have	e invented certain new an	d useful improvements	In SYSTEM AND METHOD
FOR PROVIDING MULTI-PO	DINT CALIBRATION OF	AN ADAPTIVE VOLTA	BE SCALING SYSTEM
x for which an application		nt was filed on May 2:	3, 2005
Application Number $1$	1/134,99/	<u> </u>	
for which an application	for a United States Pate	nt was executed on	, and
Whereas, National Semiconduc	tor Corporation of Santa C	lara, California 95051	here referred
to "assignee" whose mailing a	address is <u>2900 Semicon</u>	ductor Drive	{ <b>5</b>
dealrous of acquiring the entire	re right, title and interest l	in the same;	
and transfer unto said assigned rights, title and interest in and hereby authorize and reques Patent to said assignee, of the for the use and behoof of higranted, as fully and entirely made.	ee the full and exclusive and to any and all Patents to the Director of the U.S. e entire right, title, and in is legal representatives, as the same would have	right to the said invention which may be granted. Patent and Trademark to the sare to the full end of the second by me had	(s), by these presents do sell, assign in the United States and the entire therefore in the United States. I/We office to issue said United States ne, for his sole use and behoof; and term for which said Patent may be this assignment and sale not been . 20 05
		Bal-	Signature
State of	)	Pael Salmi	
County of	SS:	Printed Name/R	egistration No., if applicable
Before me personally appeared said Pasi Saimi			
and acknowledged the forego	ing instrument to be his f	ree act and deed this	
day of	, 20 <u>05</u>		
Seal			
Note: Signatures of all the inventors of more than one signature is required,	or assignees of record of the en See below*.	itire interest or their represent	ative(s) are required. Submit multiple forms if

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forme are submitted,

	Sample Form (former PTO/SB/15) (08-03)			
ACCIONMENT OF ADDITION	Docket Number (Optional)			
ASSIGNMENT OF APPLICATION	P06252			
Whereas, I/We, Sandeep Dhar of Boulder, Color referred to as applicant, have invented certain new and useful improvements	in SYSTEM AND METHOD			
FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE	GE SCALING SYSTEM			
for which an application for a United States Patent was filed onMa	y 23, 2005			
Application Number 11/134.997				
for which an application for a United States Patent was executed on	, and			
Whereas, National Semiconductor Corporation of Santa Clara, California	here referred			
to "assignee" whose mailing address is 2900 Semiconductor Drive	is			
desirous of acquiring the entire right, title and interest in the same;				
Now, therefore, in consideration of the sum of <a href="Two">Two</a> dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  Executed this				
	A dias			
	Signature <sup>V</sup>			
State of Colorado Sandeep Dhar SS: Printed Name/R				
County of Biouldus	egistration No., if applicable			
Before me personally appeared said _Sandeep Dhar				
and acknowledged the foregoing instrument to be his free act and deed this $23^{10}$				
day of May 20 05.				
Seal A	1			
Note: Signatures of all the inventors or assignees of record of the entire interest of their representative(s) are required. Submit multiple forms if more than one signature is required. See below.				

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Sample Form (former PTO/SB/15) (08-03) Docket Number (Optional) **ASSIGNMENT OF APPLICATION** P06252 of Oulu Finland hereafter Whereas, I/We, Juha Pennanen referred to as applicant, have invented certain new and useful improvements in SYSTEM AND METHOD FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM for which an application for a United States Patent was filed on May 23, 2005 Application Number 11/134,997 for which an application for a United States Patent was executed on \_\_\_\_\_\_, and Whereas, National Semiconductor Corporation of Santa Clara, California 95051 here referred to "assignee" whose mailing address is 2900 Semiconductor Drive desirous of acquiring the entire right, title and interest in the same; Now, therefore, in consideration of the sum of Two Now, therefore, in consideration of the sum of <u>Two</u> dollars (\$ 2.00 \_\_\_\_), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States, I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been Signature State of Colorado Juha Pennanen Printed Name/Registration No., if applicable Before me personally appeared said \_Juha Pennanen and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_ Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

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forms are submitted.

✓ Total of

6

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06252			
Whereas, I/We, Mark Hartman of referred to as applicant, have invented certain new and useful				
FOR PROVIDING MULTI-POINT CALIBRATION OF AN ADAPTIVE VOLTAGE SCALING SYSTEM				
for which an application for a United States Patent was file	ed on <u>May 23, 2005</u>			
Application Number 11/134,997				
for which an application for a United States Patent was ex				
Whereas, National Semiconductor Corporation of Santa Clara, Cal	fornia 95051 here referred			
to "assignee" whose mailing address is 2900 Semiconductor Dr	<u>ve</u> is			
desirous of acquiring the entire right, title and interest in the san	ne;			
Now, therefore, in consideration of the sum of <a href="Two">Two</a> acknowledge, and other good and valuable consideration, I/We and transfer unto said assignee the full and exclusive right to the rights, title and interest in and to any and all Patents which make hereby authorize and request the Director of the U.S. Patent at Patent to said assignee, of the entire right, title, and interest in for the use and behoof of his legal representatives, to the further granted, as fully and entirely as the same would have been he made.	the applicant(s), by these presents do sell, assigned said invention in the United States and the entire asy be granted therefore in the United States. I/Wound Trademark Office to issue said United States and to the same, for his sole use and behoof; and II end of the term for which said Patent may be			
Executed this 23nd day of Mary	, 20 <u>05</u>			
executed this				
Ma	ind Partle			
State of California ) Mark	Signature Hartman			
	inted Name/Registration No., if applicable			
Before me personally appeared said Mark Hartman				
and acknowledged the foregoing instrument to be his free act ar	nd deed this 23 mL			

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below\*.

✓ Total of \_\_\_\_\_ 6 forms are submitted.

**RECORDED: 08/26/2005** 

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PATENT REEL: 016918 FRAME: 0912