VEDDER PRICE KAUFMAN

				
Form PTO-1595 RECORDATION FOR (Rev. 10/02)	UP Debet 12 1 1 42			
OMB No. 0651-0027 (exp. 6/30/2005) PATEN	TS ONLY U.S. Patent and Trademark Office			
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To the Honorable Commissioner of Patents and Trademarks	Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	Name and address of receiving party(ies)			
Jonggook Kim, 10/16/03 Yun Liu, 10/17/03	Name: National Semiconductor Corporation			
Joseph A. De Santis 10/17/03	Internal Address:			
Additional name(s) of conveying party(ies) attached? 📮 Yes 📮 No				
3. Nature of conveyance:	7			
🛂 Assignment 🖳 Merger	2000 0			
☐ Security Agreement ☐ Change of Name	Street Address: 2900 Semiconductor Drive			
	M/S D3-579			
Other				
10/16/07 16/17/09	City: Santa Clara State: CA zip: 95051			
Execution Date: 10/16/03; 10/17/03	Additional name(s) & address(es) attached? 📮 Yes 📮 No			
Application number(s) or patent number(s):				
If this document is being filed together with a new appli	cation, the execution date of the application is:			
A. Patent Application No.(\$)	B. Patent No.(s)			
10/688,550				
Additional numbers att	ached? 🖳 Yes 🗔 No			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:			
concerning document should be mailed: Mark A. Dalla Valle				
Name:	7. Total fee (37 CFR 3.41)\$ 0.00 Fee previously paid on October 17, 2003 for Pat.			
Internal Address: Vedder, Price, Kaufman	Enclosed App. No. 10/688,550			
& Kammholz, P.C.	Authorized to be charged to deposit account			
	8. Deposit account number:			
Street Address; 222 N. LaSalle St.	o. Deposit account number,			
24th Fioor	22-0259			
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City: Chicago State: IL Zip: 60601	(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 in is a true copy of the original document.	formation is true and correct and any attached copy			
Mark A. Dalla Valle				
Name of Person Signing	Signature 6/1/04 Date			
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☐ Other_	<u> </u>	M/S D3-579	
		Santa Clara	
Execution Date: 10/16/03	10/1/12	City: Santa Clara	State: CAzip; 950
	<u> </u>	Additional name(s) & add	ress(es) attached? 📮 Yes 📮
4. Application number(s) or paten			· · · · · · · · · · · · · · · · · · ·
If this document is being filed to	gether with a new app	olication, the execution date	of the application is:
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- 22000000 19000000			
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rdod with required cover sheet information to:

<u>PATENT</u>

Attorney Docket No.P05779 [11461.00.5779]

<u>ASSIGNMENT</u>

WHEREAS, WE, Jonggook Kim, Yun Liu and Joseph A. De Santis, 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: METHOD FOR QUANTIFYING SAFE OPERATING AREA FOR BIPOLAR JUNCTION TRANSISTOR

Application Execution Date:

Filing Date:

Appln. No.:

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 said Assignee, and Assignce'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 Assignce 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

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated

below.

State of California

County of Santa Clara

personally appeared longgook Kim, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

KAREN L METZ Comm. Brok

WITNESS my hand and official seal.

Signature of Notary

PATENT

REEL: 014680 FRAME: 0555

PATENT

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IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to	this assignment on the dates indicated
selow.	
Dated: 16/17 / 2003	man
	KONTERO
State of California	
County of Santa Clara	
	Metz
personally appeared Yun Liu, personally known to me or proved to me on the b	
person whose name is subscribed to the within instrument and acknowledged to his her their authorized capacity, and that by his signature on the instrument the the person acted, executed the instrument.	
WITNESS	and and official seal
Commission # 1417685 Notary Public - Colliomia # Santa Clara County	en L. My
Signature of No	tary
SEAL	J
IN TECTIMONY VALCETOR Assistant has been assistant bis assistant	
IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to below.	o this assignment on the dates intheaten
Dated: 10/17/03	a le Sata
	JOSEPH A. DE SANTIS
State of California	
County of Santa Clara	
on 10/17/03 before me, Kanen L.	Metz_
personally appeared Joseph A. De Santis, personally known to me or proved to	
be the person whose name is subscribed to the within instrument and acknowle	iged to me that he executed the same in his
authorized capacity, and that by his signature on the instrument the person, or the executed the instrument.	ne entity upon behalf of which the person
MARCALL AND	and and afficial and
Commission # 1417888	and and official seal.
Notary Public - California Banta Clara County	en of Wester
Signature of No	tary

RECORDED: 06/01/2004

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