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U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office Docket No. 100-18300 (P05271)

	se record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
PETER J. HOPPER PETER JOHNSON KYUWOON HWANG MICHAEL MIAN ROBERT DRURY	Name: NATIONAL SEMICONDUCTOR CORPORATION Address: 2900 Semiconductor Drive, M/S D3-579 City: Santa Clara State: CA Zip Code: 95051-8090
Individual(s)	Additional name(s) & address(es) attached? □ Yes ☑ No
4. Application number(s) or patent number(s): NEW If this document is being filed with a new application, the execution date	c of the application is: 08/09/02, 08/09/02, 08/09/02, 08/09/02 and 08
A. Patent Application No.(s): B.	Patent No.(s):
Additional numbers attached? 口 Yes 国 No	
 Name and address of party to whom correspondence concerning document should be mailed: Mark C. Pickering, Esq. Law Offices of Mark C. Pickering P.O. Box 300 Petaluma, CA 94953-0300 	6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. § 3.41): \$40.00 ☑ Enclosed ☐ Authorized to be charged to deposit account, referencing A Docket No. * 8. Deposit account number: 502305
	by this paper, or to credit any overpayment to Deposit Account No. 502305
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required DO NOT USE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is to of the original document. Name: Mark C. Pickering Registration No. 36,239 Signature	rue and correct and any attached copy is a true copy

PATENT REEL: 013199 FRAME: 0358

Attorney Docket No. 100-18300 [P05271]

ASSIGNMENT

WHEREAS, WE, <u>PETER J. HOPPER, PETER JOHNSON, KYUWOON HWANG, MICHAEL MIAN and ROBERT DRURY</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:

Application Execution Date: Filing Date: Herewith Appln. No.: New 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 Assignes'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 saginee as fully and exclusively as it would have been held and enjoyed by said Assigners had this assignment 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 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 assignment and by said assignment and to the said invention of the dates ind	Title of Invention: <u>ETCHED METAL TRACE WITH REDUC</u> EFFECT	ED RF IMPEDANCE RESULTING FROM THE SKIN
WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, M/S D3-59, 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 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. IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on t		
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Dated: Since State of California County of Santa Clava On 8900 before me, here L. Metz personally appeared later J. Hopper, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) since subscribed to the within instrument and acknowledged to me that Respectively executed the same in his horstheir authorized capacity(ies), and that by his herstheir signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	Assignee in the prosecution of said application and/or applicati further papers, including applications for Letters Patent and for transfer thereof, and will perform such other acts as Assignee la said invention and improvement in any and all countries, and to	ons, execute, verify, acknowledge and deliver all such the reissue thereof, and instruments of assignment and awfully may request, to obtain or maintain Letters Patent for
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PATENT
__ REEL: 013199 FRAME: 0359

Rev. 06/20/02

IN TESTIMONY WHEREOF, Assignor has hereunt	o signed his/her name to this assignment on the dates indicated
below.	•
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Dated: 8/9/02	The olms
Dated:	PETER JOHNSON
	TETER JOHNSON
State of Cali Fornia	
State of Control	
County of Santa Clare	
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2/6/2	nc. Metz
personally appeared Personally appeared Personally appeared	nally known to me or proved to me on the basis of satisfactory
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Notary Public - Santa Cit. 17	Maren Inher
My Court And	Signature of Notary
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SEAL	$\sqrt{}$
IN TESTIMONY WHEREOF, Assignor has hereun	to signed his/her name to this assignment on the dates indicated
below.	
Dated: $\hat{f} - \hat{g} - \hat{c} = 2$	KYUWOON HWAMD
5 A C	K I U W O O N I I W ZANG
State of California	
County of Sunta Gava	
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of class	M_{α}
on 8/9/02 before me,	C. 111612
personally appeared Kuvwoon Hwang, person	onally known to me or proved to me on the basis of satisfactory
evidence to be the person(y) whose name(s) is and subscrib	bed to the within instrument and acknowledged to me that
evidence to be the person (x) whose name (s) is an subscrib he/she/they executed the same in his/her/their authorized c	apacity(ies), and that by his/her/their signature(s) on the
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PATENT REEL: 013199 FRAME: 0360

Dated: 08/09/2002	M21M2:
Dated.	MICHAEL MIAN
State of California	
County of Santa Clause	
On before me, personally appeared Millian personal evidence to be the person(s) whose name(s) is are subscribed he/she/they executed the same in his/her/their authorized capa instrument the person(s), or the entity upon behalf of which the same in his/her/their authorized capa instrument the person(s), or the entity upon behalf of which the same in his/her/their authorized capa instrument the person(s).	to the within instrument and acknowledged to me that city(ies), and that by his/her/their signature(s) on the
	Jan J. nets
	Signature of Notary
SEAL	
IN TESTIMONY WHEREOF, Assignor has hereunto below. Dated: S 12 2000 State of California	signed his/her name to this assignment on the dates indicated ROBERT DRURY
County of Santa Clava	
On 8/12/03 before me, personally appeared Robert In , personal evidence to be the person(s) whose name(s) are subscribed he/she/they executed the same in his/her/their authorized capa instrument the person(s), or the entity upon behalf of which the	acity(ies), and that by his/ker/their signature(s) on the
KARANLA ALE TO COMMINICATION OF THE STATE OF	WITNESS my hand and official seal. Signature of Notary
Asmt5	3 – Rev. 06/20/02

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

PATENT REEL: 013199 FRAME: 0361