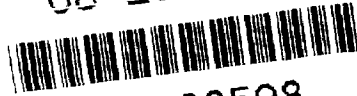


08-26-2002



102200598

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET
PATENTS ONLYPatent and Trademark Office
Docket No. 100-18000 (P05268)

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**PETER J. HOPPER
PETER JOHNSON
KYUWOON HWANG
MICHAEL MIAN
ROBERT DRURY**

8-15-02

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: 08/09/02, 08/09/02, 08/09/02, 08/09/02 and 08/12/02

2. Name and address of receiving party(ies):

Name: **NATIONAL SEMICONDUCTOR CORPORATION**
Address: 2900 Semiconductor Drive, M/S D3-579
City: Santa Clara State: CA
Zip Code: 95051-8090Additional 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 of the application is: 08/09/02, 08/09/02, 08/09/02, 08/09/02 and 08/12/02

10,219,791

A. Patent Application No(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. 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 Attorney
Docket No. *

8. Deposit account number: 502305

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 502305

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name: Mark C. Pickering
Registration No. 36,239

Date: 8-15-02

Total number of pages comprising cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office
Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 20231

08/19/2002 TGEDAMU1 00000037 10219791

02 FC:581

40.00 OF

ASSIGNMENT

WHEREAS, WE, PETER J. HOPPER, PETER JOHNSON, KYUWOON HWANG, MICHAEL MIAN and ROBERT DRURY, 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: DUAL DAMASCENE METAL TRACE WITH REDUCED RF IMPEDANCE RESULTING FROM THE SKIN EFFECT

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 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 the dates indicated below.

Dated: 8.9.02



PETER J. HOPPER

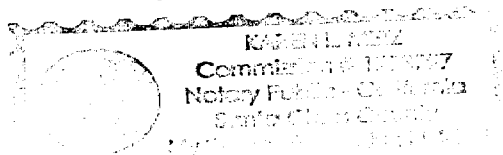
State of California

County of Santa Clara

On 8/9/02 before me, Karen L. Metz, personally appeared Peter J. Hopper, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Karen L. Metz
Signature of Notary



SEAL

Asmt5

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

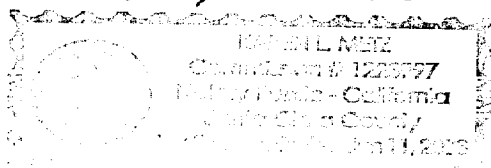
Dated: 8/9/02

Peter Johnson
PETER JOHNSON

State of California

County of Santa Clara

On 8/9/02 before me, Karen L. Metz,
personally appeared Peter Johnson, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Karen L. Metz
Signature of Notary

SEAL

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

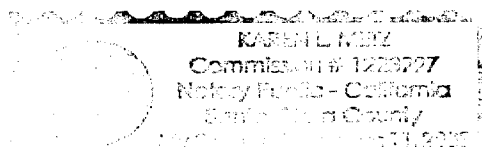
Dated: 8-9-02

Kyuwoon Hwang
KYUWOON HWANG

State of California

County of Santa Clara

On 8/9/02 before me, Karen L. Metz,
personally appeared Kyuwoon Hwang, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Karen L. Metz
Signature of Notary

SEAL

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

Dated: 08/09/2002

MZ1 M

MICHAEL MIAN

State of California

County of San Clara

On 8/9/02 before me, Karen L. Metz,
personally appeared Michael Mian, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary

SEAL

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

Dated: 8/12/2002

Robert Drury

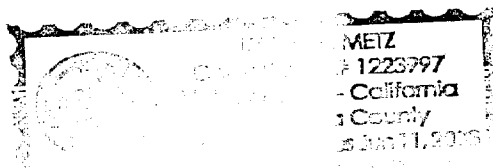
ROBERT DRURY

State of California

County of San Clara

On 8/12/02 before me, Karen L. Metz,
personally appeared Robert Drury, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary

SEAL