

12-11-2002

ASSIGN



SHEET

102307905

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Ken Pham
- b) Luu Thanh Nguyen
- c) William Paul Mazotti

12-9-02

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

- a) Name: National Semiconductor Corporation
- Address: 2900 Semiconductor Drive, Santa Clara, California 95051-8090

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date:

- a) November 7, 2002
- b) November 22, 2002
- c) November 13, 2002

4. Application Number(s) or Patent Number(s): 10/274,056

The title of the (new) application is: **TECHNIQUES FOR MANUFACTURING FLASH-FREE CONTACTS ON A SEMICONDUCTOR PACKAGE**

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (510) 843-6200
Fax: (510) 843-6203
(Customer Number: 022434)

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NOV 29 11:35 AM '02
FINANCE SECTION

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
- ☒ Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. NSC1P245)

8. 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.

Date: December 2, 2002

Phillip P. Lee
Registration No. 46,866

12/11/2002 GTOM11 00000034 10274056

01 FC:8021

40.00 OP

Attorney Docket No. NSC1P245

(Revised 12/01)

PATENT
REEL: 013554 FRAME: 0909

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

TECHNIQUES FOR MANUFACTURING FLASH-FREE CONTACTS ON A SEMICONDUCTOR PACKAGE

(Atty. Docket No. NSC1P245/P05326), (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
- ☒ which bears U.S. application No. 10/274,056 . (Not accompanying)
- ☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to **National Semiconductor Corporation**, a Delaware corporation having a place of business at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: Ken Pham
Ken Pham

Date: 11/07/02

State of California

County of Santa Clara)
SS.

On this 7th day of November, in the year 2002, before me, Liza Smolyanitsky Notary Public, personally appeared Ken Pham, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Liza Smolyanitsky



2. Inventor Signature: _____
Luu Thanh Nguyen

Date: _____

State of California)
County of _____)
SS.

On this _____ day of _____, in the year 2002, before me, _____, Notary Public personally appeared Luu Thanh Nguyen, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

3. Inventor Signature: William Paul Mazotti
William Paul Mazotti

Date: 11/13/02

State of California)
County of Santa Clara)
SS.

On this 13 day of November, in the year 2002, before me, Liza Smolyanitsky Notary Public, personally appeared William Paul Mazotti, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Liza Smolyanitsky



ASSIGNMENT OF PATENT APPLICATION

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TECHNIQUES FOR MANUFACTURING FLASH-FREE CONTACTS ON A SEMICONDUCTOR PACKAGE

(Atty. Docket No. NSC1P245/P05326), (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
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- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. **Inventor Signature:** _____

Date: _____

Ken Pham

State of California)
County of _____)

ss.

On this _____ day of _____, in the year 2002, before me, _____, Notary Public, personally appeared Ken Pham, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

2. **Inventor Signature:** _____

Date: Nov. 22, 2002

Luu Thanh Nguyen

State of California)
County of _____)

NOTARY PUBLIC
NOV 22 2002
L. THANH NGUYEN
SS.
Ex officio:
Fee FIM:
Notary Public

On this _____ day of _____, in the year 2002, before me, _____, Notary Public personally appeared Luu Thanh Nguyen, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

3. **Inventor Signature:** _____

Date: _____

William Paul Mazotti

State of California)
County of _____)

ss.

On this _____ day of _____, in the year 2002, before me, _____, Notary Public, personally appeared William Paul Mazotti, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)