

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

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

1. Name of conveying party(ies)

- a) William Paul Mazotti
- b) Jia Liu
- c) Luu Thanh Nguyen
- d) Haryanto Chandra
- e) Peter Deane
- f) Todd Thyse
- g) Brian Huss
- h) John Rukavina
- i) Glenn Woodhouse

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

- a) Name: National Semiconductor Corporation
Address: 2900 Semiconductor Drive, Santa Clara, CA 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) 2/24/03
- b) 2/14/03
- c) 2/18/03
- d) 2/19/03
- e) 2/28/03
- f) 2/18/03
- g) 2/14/03
- h) 2/17/03
- i) 3/25/03

4. Application Number(s) or Patent Number(s): 10/317,841

The title of the (new) application is:

**OPTICAL SUB-ASSEMBLY PACKAGING TECHNIQUES THAT INCORPORATE
OPTICAL LENSES**

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)

6. Total number of applications and patents involved: 1

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

☒ \$40.00 Previously Paid on Check No. 8206 dated November 10, 2003 (Copy Enclosed)
☒ Any additional fees are authorized to be charged to Deposit Account No. 500388
(Order No. NSC1P253)

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 11, 2003


Phillip P. Lee
Registration No. 46,866

5-19-03
ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

05-23-2003

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



102456196

1. Name of conveying party(ies)

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- b) Jia Liu
- c) Luu Thanh Nguyen
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Attorney Docket No. NSC1P253/P05404

(Revised 12/01)

PATENT
REEL: 014241 FRAME: 0418

6. JAN. 7. 2004 4:05PM
Applications and patents involved: 1

NO. 670 P. 17/17

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. NSC1P253)

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: May 14, 2003


Phillip P. Lee
Registration No. 46,866

ASSIGNMENT OF PATENT APPLICATION

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

OPTICAL SUB-ASSEMBLY PACKAGING TECHNIQUES THAT INCORPORATE OPTICAL LENSES

(Atty. Docket No. NSC1P253/P05404), (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☒ which bears U.S. application No. 10/317,841 . (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:** _____**Date:** _____

William Paul Mazotti

State of California)

County of _____)

ss.

On this ____ day of _____, in the year 2003, 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)

2. **Inventor Signature:** _____**Date:** _____

Jia Liu

State of California)

County of _____)

ss.

On this ____ day of _____, in the year 2003, before me, _____, Notary Public personally appeared Jia Liu, 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:** _____

Luu Thanh Nguyen

State of California)

County of _____)

ss.

On this ____ day of _____, in the year 2003, 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)

Date: ____

22.

WITNESS my hand and official seal.

(SEAL)

Date: _____

SS.

WITNESS my hand and official seal.

(SEAL)

Date: 2/18/03

33.

WITNESS my hand and official seal.

(SEAL)

PATENT

7. Inventor Signature: Brian Huss

Brian Huss

Date: 2/14/03

State of Wisconsin)

County of Winnebago)

ss.

On this 14th day of February, in the year 2003, before me, Dele Ann Wende, Notary Public, personally appeared Brian Huss, 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 Dele Ann Wendemy commission expires 7/4/04.

(SEAL)

8. Inventor Signature: John Rukavina

John Rukavina

Date: 2/17/03

State of Wisconsin)

County of Winnebago)

ss.

On this 17th day of February, in the year 2003, before me, Dele Ann Wende, Notary Public, personally appeared John Rukavina, 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 Dele Ann Wendemy commission expires 7/4/04.

(SEAL)

9. Inventor Signature: Glenn Woodhouse

Glenn Woodhouse

Date: _____

State of Idaho)

County of _____)

ss.

On this _____ day of _____, in the year 2003, before me, _____, Notary Public, personally appeared Glenn Woodhouse, 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)