

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 type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input checked="" type="checkbox"/> Other: <u>Corrective Assignment</u> | <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: January 7, 2004



Phillip P. Lee
Registration No. 46,866

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

To: Honorable Commissioner of Patents and Trademarks:

05-26-2003

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



102456196

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 Thynes
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Attorney Docket No. NSC1P253/P05404

(Revised 12/01)

PATENT
REEL: 014241 FRAME: 0389

6. JAN. 7. 2004 3:49PM

Applications and patents involved: 1

NO. 666 P. 15

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)

Inventor Signature: Haryanto Chandra

Date: _____

State of California)
County of _____) ss.

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

5. Inventor Signature: Peter Deane

Date: _____

State of California)
County of _____) ss.

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

6. Inventor Signature: Todd R. Thyes

Date: 2/18/03

State of Wisconsin)
County of Winnebago) ss.

On this 18th day of February, in the year 2003, before me, Glynn Ann Wernke, Notary Public, personally appeared Todd Thyes, 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 Glynn Ann Wernke

My commission expires 7/4/04.

IT IS CORRECT
HERE

(SEAL)

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, Julie Ann Wenzel, 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 Julie Ann Wenzelmy 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, Julie Ann Wenzel, 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 Julie Ann Wenzelmy commission expires 7/4/04.

(SEAL)

9. Inventor Signature: _____

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)

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Mazotti et al.

Attorney Docket No.:

NSC1P253/P05404

Application No.: 10/317,841

Examiner: UNASSIGNED

Filed: Decem 10, 2002

Group: 2874

Title: OPTICAL SUB-ASSEMBLY PACKAGING
TECHNIQUES THAT INCORPORATE
OPTICAL LENSES

Reel No. 14087 Frame No. 0636

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on December 11, 2003 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: 

Leslie Russell

REQUEST FOR CORRECTED NOTICE OF RECORDATION

Mail Stop Assignment
Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OPR/FINANCE

2003 DEC 15 AM 6:48

Sir:

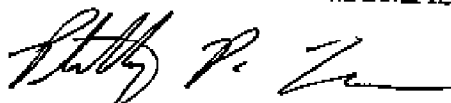
Enclosed is the original Assignment for the above-identified patent application. Please reprint the Notice of Recordation as follows and mail the corrected copy to the undersigned.

Change Assignor "Thynes, Todd" to - Thyes, Todd --.

\$40.00 Previously Paid on Check No. 8206 dated November 10, 2003 (copy enclosed). The Commissioner is authorized to charge any additional fees that may be due to Deposit Account 500388 (Order No. NSC1P253).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



Phillip P. Lee

Reg. No. 46,866

P.O. Box 778
Berkeley, CA 94704-0778

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mazetti et al.

Attorney Docket No.:

Application No.: 10/317,841

NSC1P253/P05404

Filed: Decem 10, 2002

Examiner: UNASSIGNED

Title: OPTICAL SUB-ASSEMBLY PACKAGING
TECHNIQUES THAT INCORPORATE
OPTICAL LENSES

Group: 2874

Reel No. 14087 Frame No. 0636

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Signed: 

Leslie Russell

REQUEST FOR CORRECTED NOTICE OF RECORDATION

Mail Stop Assignment
Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is the original Assignment for the above-identified patent application. Please reprint the Notice of Recordation as follows and mail the corrected copy to the undersigned.

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Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



Phillip P. Lee

Reg. No. 46,866

P.O. Box 778
Berkeley, CA 94704-0778

11/18/2003 LMEILLER 00000170 10317841

01 FC:8021

40.00 DP

To make a correction WHEN
It is a customer error
A new Cover Sheet as well
as all of the original
Paper work is required.

PATENT
REEL: 014241 FRAME: 0396

#	NSCIP253/P05404	PPL/tr	Date of this mailing:	November 10, 2003
Appl'n #:	10/317,841	Filing Date:	December 10, 2002	
Inv(s)	William Paul Mazotti, Jia Lin, Luu Thanh Nguyen, Haryanto Chandra, Peter Deane, Todd Thyges, Brian Huss, Scott Smieja, John Rukavina, and Glenn Woodhouse			
Title:	OPTICAL SUB-ASSEMBLY PACKAGING TECHNIQUES THAT INCORPORATE OPTICAL LENSES			

The following have been received in the U.S. Patent Office on the date stamped hereon:

Item	Description	# Pgs
1.	Request for Corrected Notice of Recordation	1
2.	Assignment Recordation Cover Sheet	2
3.	Original Notice of Recordation and Assignment w/changes thereon	16
4.	Check No. <u>8206</u> for \$40.00	
5.	First Class Certificate of Mailing	
6.	M/S Assignments	
7.		
8.		
9.		
10.		

DOCKET C

Docketed
Date
NOV 11 2003
KMA

BEYER WEAVER & THOMAS, LLP

8206

Commissioner of Patents & Trademarks

11/10/2003

VOICE DATE	INVOICE NUMBER/REFERENCE	INVOICE AMOUNT	DISCOUNT	BALANCE
11/10/2003	NSCIP253 ASSIGNMENT RECORDATION CORRECTION	\$40.00	\$0.00	\$40.00

Check Number: 8206

Check Total: \$40.00

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BEYER WEAVER & THOMAS, LLP
590 W. EL CAMINO REAL
MOUNTAIN VIEW, CA 94040
(650) 961-8300



COMERICA BANK OF CALIFORNIA
San Jose Main Office
333 West Santa Clara Street
San Jose, CA 95113

90-3752/1211

8206

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Commissioner of Patents & Trademarks
P O Box 1450
Alexandria, VA 22313-1450

RECORDED: 01/07/2004

DATE

AMOUNT

11/10/2003

\$40.00

TWO SIGNATURES REQUIRED ON AMOUNTS OVER \$5,000.00

PATENT

REEL: 014241 FRAME: 0397