NO. 670 P. 13/17

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 Thyes
- g) Brian Huss
- h) John Rukavina
- i) Glenn Woodhouse

Name and address of receiving party(ies):

- Name: National Semiconductor Corporation
- Address: 2900 Semiconductor Drive, Santa Clara, CA 95051-8090
- 3. Nature of conveyance

a)

\boxtimes	Assignment
	Security Agreement

Other

Merger Change of Name 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-ASSEMIBLY PACKAGING TECHNIQUES THAT INCORPORATE OPTICAL LENSES

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

Eleyer Weaver & Thomas, LLP F.O. Box 778 Elerkeley, CA 94704-0778 Fh: (510) 843-6200 Elax: (510) 843-6203 (Customer Number: 022434)

Attorney Docket No. NSC1P253/P05404

PATENT REEL: 014241 FRAME: 0416

700059549

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- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): <u>\$40.00</u>
 - \$40.00 Previously Paid on Check No. 8206 dated November 10, 2003 (Copy Enclosed)
 Any additional fews are authorized to be charged to Deposit Account No. 500388 (Order No. NSC1)?253)

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. Les Registration No. 46,866

05-23-2003

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C. Mainat	JEMAN C	

5-19-03 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)
 - William Paul Mazotti a)
 - Ъ) Jia Liu
 - Luu Thanh Ngu;/en c)
 - d) Haryanto Chandra
 - Peter Deane c)
 - f) Todd Thynes
 - Brian Huss g)
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Attorney Docket No. NSC1P253/P05404

(Revired 12/01)

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

7. Total fee (37 CFR 3.41): <u>\$40.00</u>

区区

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. $\rho_{1,1,2}$

Date: May 14, 2003

Phillip P. Lee,

Registration No. 46,866

(Revised 12/01)

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 <u>National Semiconductor Corporation</u>, 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.

JAN. 7.2004 4:03PM

2. Inventor Signature: _

NO. 670 P. 9/17

1. Inventor Signature:	Date:
State of California	ss.
personally known to me (or proved to me whose name is subscribed to the within instr	, in the year 2003, before me, ic, personally appeared William Paul Mazotti, the basis of satisfactory evidence) to be the person ent, and acknowledged to me that he/she executed the at by his/her signature on the instrument the person, red, executed the instrument.
Notary Signature	(SEAL)

State of California 88. County of _____ On this <u>day</u> 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.

Date: _

WITNESS my hand and official seal.

Jia Liu

Notary Signature		<u> </u>	(SEAL)				
3. Inventor Signature:				Date:			
_	Luu Thanh Nguyen						
State of California)					
County of		Ś	SS.				
On this	_ day of Notary Pu	blic, per	, sonally appe	in the	year 2003, Thanh Nguy	before	me,
known to me (or proved subscribed to the withi	I to me on the basis in instrument, and	of satis: acknowl	factory evide ledged to m	ence) to be	e the person v	vhose nar	ne is

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)

Revised 01/02, Assign US Notary

JAN. 7.2004 4:03PM			NO. 670 P. 10/17
4. Inventor Signature:	Haryanto Chandra	Date:	
State of California County of)) ss _ day of . Notary Public perso	- 5.	
known to me (or proved subscribed to the with his/her authorized capa entity upon behalf of wh	day of Notary Public, personant of to me on the basis of satisfaction instrument, and acknowled city(ies), and that by his/her shich the person acted, executed and and official seal.	tory evidence) to be the j lged to me that he/she a signature on the instrume	person whose name is
Notary Signature			(SEAL)
5. Inventor Signature:	Peter Lieane	Date:	
to me (or proved to m subscribed to the within his/her authorized capac entity upon behalf of wh) ss.) ss.) day of) e on the basis of satisfactory n instrument, and acknowled, ity(ies), and that by his/her s ich the person acted, executed and and official seal.	, in the year ally appeared Peter Dear vevidence) to be the pe ged to me that he/she e ignature on the instrume	ne, personally known rson whose name is xecuted the same in
Notary Signature			(SEAL)
6. Inventor Signature: _	Todd Tryes	<u></u> Date: <u>2/</u>	TTIS CORRECT
State of Wisconsin County of <u>Wirelya</u> On this <u>184</u> Alu an the	day of <u>Februau</u> day of <u>Februau</u> on the basis of satisfactory	, in the year	HERE
··· ··· ··· ··· ··· ··· ···	on the basis of satisfactory i instrument, and acknowledge		.30

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.

> PATENT REEL: 014241 FRAME: 0422

WITNESS my hand and official seal.

Wender Notary Signature (May commission expires 714/04.

Revised 01/02, Assign US Notary

7. Inventor Signature:	//
Diran riuss	Date: <u>Z/14/03</u>
-	
State of Wisconsin)	
County of <u>Wirebago</u> , is On this <u>14</u> day of <u>Februar</u> , is Our <u>County Public</u> , personally appeared	in the year 2003, before me,
me (or proved to me on the basis of satisfactory evidence) to be the	e person whose name is subscribed
to the within instrument, and acknowledged to me that he/s authorized capacity(ies), and that by his/her signature on the instru-	the executed the same in his/her
behalf of which the person acted, executed the instrument.	unent the person; or the entity upon
WITNESS my hand and official seal.	
	· · · · · · · · · · · · · · · · · · ·
Notary Signature Oblie Un Strate	SEAL)
my connexion reques -14/04.	
8. Inventor Signature: John Rukavina	Date: _2/17/03
State of Wisconsin)	
) ss.	
County of Winebago	
On this 19th day of February, in Alle an Wender Notary Public, personally appe	careed lohn Riikavina personally
known to me (or proved to me on the basis of satisfactory evidence	ce) to be the person whose name is
subscribed to the within instrument, and acknowledged to me t	that he/she executed the same in
his/her authorized capacity(ies.), and that by his/her signature on entity upon behalf of which the person acted, executed the instrume	the instrument the person, or the
WITNESS my hand and official seal.	ent.
Notary Signature Oblie an Sense	(SEAL)
my commission exprise 7/4/04.	
9. Inventor Signature:	Date:
Glen: Woodhouse	
State of Idaho	
) ss.	
County of)	
On this day of, in	the year 2003, before me,
, Notary Public, personally appeared	ed Glenn Woodhouse personally
shown to the for proved to the on the basis of satisfactory evidence	e) to be the person whose name is
known to me (or proved to me on the basis of satisfactory evidence subscribed to the within instrument, and acknowledged to me the	1

entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

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Revised 01/02, Assign US Notary

RECORDED: 01/07/2004