



01-10-2002

1.4.02



101938956

R SHEET

To: Honorable Commissioner of Patents and Trademarks:

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

- 1. Name of conveying party(ies)
  - a) Luu Thanh Nguyen
  - b) Ken Pham
  - c) Peter Deane
  - d) William Paul Mazotti
  - e) Bruce Carlton Roberts

- 2. Name and address of receiving party(ies):
  - a) Name: National Semiconductor Corporation
  - Address: 2900 Semiconductor Drive
  - Santa Clara, CA 95051

- 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 Dates: August 28, 2001 and September 4, 2001

- 4. Application Number(s) or Patent Number(s): 09/922,946

The title of the (new) application is:

**OPTOELECTRONIC PACKAGE WITH CONTROLLED FIBER STANDOFF**

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

**Beyer Weaver & Thomas, LLP**  
**P.O. Box 778**  
**Berkeley, CA 94704-0778**  
**Ph: (650) 961-8300**  
**Fax: (650) 961-8301**  
**(Customer Number: 022434)**


- 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. NSC1P208)

- 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: October 23, 2001

  
 Steve D Beyer  
 Registration No. 31,234

Attorney Docket No. NSC1P208/P05014

(Revised 01/96)

**PATENT**  
**REEL: 012424 FRAME: 0190**

01/08/2002 BHABTEW 00000013 09922946 40.00 DF  
 05 FC:581

**ASSIGNMENT OF PATENT APPLICATION**

(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

**OPTOELECTRONIC PACKAGE WITH CONTROLLED FIBER STANDOFF**

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on August 3, 2001, and which bears the Application No. 09/922,946.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **National Semiconductor Corporation**, a Delaware corporation having a place of business at 2900 Semiconductor Drive, Santa Clara, California 95051, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) 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 and 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 representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1. Inventor Signature: Luu Thanh NGUYEN Date: 08/28/01

State of California )  
County of Santa Clara ) ss.

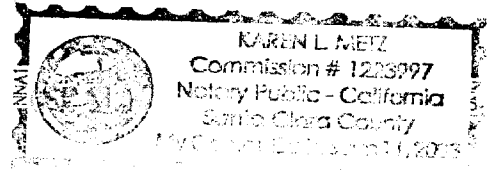
On this 28th day of August, in the year 2001, before me, Karen L. Metz Notary Public, personally appeared Luu Thanh NGUYEN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is

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

Karen L. Metz



2. Inventor Signature:

Ken PHAM  
Ken PHAM

Date:

8/28/01

State of California )

County of Santa Clara )

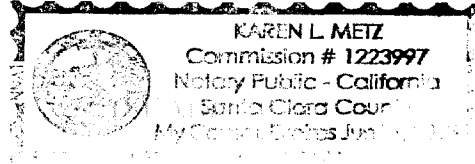
ss.

On this 28th day of August, in the year 2001, before me, Karen L. Metz, 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

Karen L. Metz



3. Inventor Signature:

Peter Deane  
Peter DEANE

Date:

9/4/01

State of California )

County of Santa Clara )

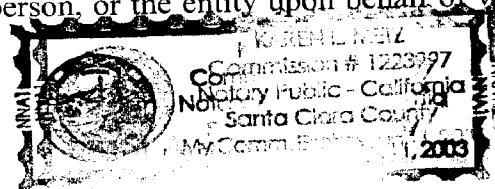
ss.

On this 28th day of August, in the year 2001, before me, Karen L. Metz, 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

Karen L. Metz



4. Inventor Signature: William Paul Mazotti  
William Paul MAZOTTI

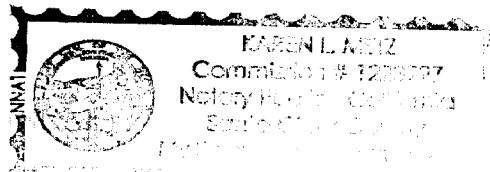
Date: 8-28-01

State of California )  
County of Santa Clara ) ss.

On this 28th day of August, in the year 2001, before me, Karen L. Metz 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 Karen L Metz



5. Inventor Signature: Bruce Carlton Roberts  
Bruce Carlton ROBERTS

Date: 8/28/01

State of California )  
County of Santa Clara ) ss.

On this 28th day of August, in the year 2001, before me, Karen L. Metz Notary Public, personally appeared Bruce Carlton ROBERTS, 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 Karen L. Metz

