

EET

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	To: Ho	norable 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) Brian Scott Huss NOV 2 0 2003				
	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 Assignment				
	4.	Application Number(s) or Patent Number(s): 10/621,035 The title of the (new) application is: OPTO-ELECTRONIC MODULE FORM FACTOR HAVING ADJUSTABLE OPTICAL PLANE HEIGHT				
	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				
		Enclosed Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. NSC1P271)				
	8. attached	To the best of my knowledge and belief, the foregoing information is true and correct and any reopy is a true copy of the original document.				
	Date:	November 12, 2003 Phillip P. Lee Registration No. 46,866				
04 FC:80		40.00 00				
	Attorne	Py Pocket No. NSC1P271/P05589 (Revised 12/01)				

PATENT

REEL: 014717 FRAME: 0637

ASSIGNMENT OF PATENT APPLICATION

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

OPTO-ELECTRONIC MODULE FORM FACTOR HAVING ADJUSTABLE OPTICAL PLANE HEIGHT

(Atty. Docket No. NSC1P271/P05589), (check one)	
for which I have executed a U.S. patent application on ever which bears U.S. application No. 10/621,035. (Not accompany which is a U.S. provisional application. (Accompanying)	
For good and valuable consideration, the receipt and sufficient acknowledged, I, an undersigned inventor, hereby:	cy of which is 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.

Revised 01/02, Assign US Notary

PATENT REEL: 014717 FRAME: 0638

1. Inventor Signature: _	William Paul M	sette	Date: 4/06/03	
	William Paul Mazotti			
State of California County of	a clam)	SS.		
On this blocknown to me (or proved subscribed to the within his/her authorized capacentity upon behalf of which which with the control of the	day of Novel 2 Notary Public, to me on the basis of some instrument, and acknowledges, and that by his ich the person acted, example and official seal.	satisfactory evider nowledged to me is/her signature of ecuted the instrum	in the year 2003, before named William Paul Mazotti, personal name to be the person whose name that he/she executed the same on the instrument the person, or the instrument the person, or the person of the commission of the comm	in the size of the
2. Inventor Signature: _	Brian Scott Huss		Date:	
State of California)	ss.		
County of				
	, Notary Public p	personally appeare	in the year 2003, before ned Brian Scott Huss, personally known) to be the person whose name	wn
his/her authorized capac entity upon behalf of whi	ity(ies), and that by hi	is/her signature o	e that he/she executed the same on the instrument the person, or t ment.	
Notary Signature		<u>.</u>		

ASSIGNMENT OF PATENT APPLICATION

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

OPTO-ELECTRONIC MODULE FORM FACTOR HAVING ADJUSTABLE OPTICAL PLANE HEIGHT

(Atty. Docket No. NSC)	P271/P05589), (check one)
🔯 which bears U	tive executed a U.S. patent application on even date herewith. (Accompanying) U.S. application No. 10/621,035. (Not accompanying) S. provisional application. (Accompanying)
	uable consideration, the receipt and sufficiency of which is hereby ersigned inventor, hereby:

- 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.

Revised 01/02, Assign US Notary

PATENT REEL: 014717 FRAME: 0640

1. Inventor Signature:		D	ate:	
.	William Paul Mazotti			
State of California)	SS.		
County of		55.		
known to me (or proved t subscribed to the within his/her authorized capacit	, Notary Public, position on the basis of satisfication instrument, and acknowly (ies), and that by his/	personally appeared isfactory evidence) wledged to me tha her signature on th	the year 2003, before m William Paul Mazotti, personal to be the person whose name t he/she executed the same e instrument the person, or t	lly is in
entity upon behalf of which WITNESS my han	th the person acted, exected and official seal.	euted the instrument		
Notary Signature				
	Brian Scott Huss	Da Da	ate: 10/29/03	
Wiscensin State of Galifornia)	SS.		
County of Winne ba	<u>(</u>			
to me (or proved to me	, Notary Public per on the basis of satisfa	rsonally appeared Bractory evidence) to	the year 2003, before main Scott Huss, personally know be the person whose name	wn is
his/her authorized capacit	y(ies), and that by his/	her signature on the	t he/she executed the same e instrument the person, or the	
entity upon behalf of whic WITNESS my han		uted the instrument.		
Notary Signature	rle Al Vac	Marth		

Revised 01/02, Assign US Notary

RECORDED: 11/20/2003

PATENT REEL: 014717 FRAME: 0641