





To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy ther	eof.
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- Name of conveying party(ies)
  a) Shahram Mostafazadeh 1.

  - b)
  - c)

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a) Name:

National Semiconductor Corporation,

2900 Semiconductor Drive

Address: Santa Clara, California,

3.	Nature of conveyance  Assignment					
4.	Application Number(s) or Patent Number(s): Filed Herewith					
	The title of the (new) application is: METHOD TO ENCAPSULATE BUMPED INTEGRATEI CIRCUIT TO CREATE CHIP SCALE PACKAGE					
5.	Please send all correspondence concerning this (these) documents to:					
	Customer Number: 022434 BEYER WEAVER & THOMAS, LLP P.O. Box 130 Mountain View, CA 94040 Telephone (650) 961-8300 Fax (650) 961-8301					
6.	Total number of applications and patents involved: One (1)					
7.	Total fee (37 CFR 3.41): \$40.00					
	Enclosed Any additional fees are authorized to be charged to Deposit Account No. 50-0388 (Order No)					
8. attach	To the best of my knowledge and belief, the foregoing information is true and correct and any hed copy is a true copy of the original document.					
Date:	July 19, 2000  Michael Lee Registration No. 31,846					
08/14/2000 NTH						
01 FC:581	40.00 OP					

Attorney Docket No. NSC1P184/P04778

(Revised 01/96)

## ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

## METHOD TO ENCAPSULATE BUMPED INTEGRATED CIRCUIT TO CREATE CHIP SCALE PACKAGE

(Atty. Docket No.: NSC1P184/P04778) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:

- 1) Sell(s), assign(s) and transfer(s) to <u>National Semiconductor Corporation</u>, a Delaware corporation having a place of business at 2900 Semiconductor Drive, Santa Clara, California, (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 have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

Atty.Dkt.No.: NSC1P184/P04778 Page 1 of 2

PATENT REEL: 010986 FRAME: 0801

1. Inventor Signature: Shekram metagagal de Date: 7/18/00 SHAHRAM MOSTAFAZADEH	-
State of California )	
County of Santa Clara ) ss.	
On this 18th day of July , in the year 2000, before me,	
MOSTAFAZADEH, personally known to me (or proved to me on the basis of satisfactor	ry
evidence) to be the person whose name is subscribed to the within instrument, ar acknowledged to me that he/she executed the same in his/her authorized capacity(ies), ar	id id
that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	ıe

WITNESS my hand and official seal.

(SEAL)

KAREN L METZ
Commission # 1223997
Notery Public - California
Statistic for a County
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Atty.Dkt.No.: NSC1P184/P04778

**RECORDED: 07/19/2000** 

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PATENT REEL: 010986 FRAME: 0802