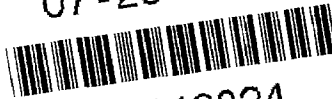


7-14-05  
ASSIGN

07-25-2005



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SHEET

112950 U.S. PTO  
11/182227



071405

Commissioner of Patents:

Please record the attached document.

1. Name of conveying party:
  - a) Eric Anthony Sagen
  - b) James T. Doyle
  - c)
2. Name and address of receiving party:
  - 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 Date: July 13, 2005

4. Application Number or Patent Number: New

The title of the application is:

APPARATUS AND METHOD FOR  
MAKING INTEGRATED CIRCUIT PACKAGES HAVING INTEGRATED CIRCUITS  
MOUNTED ONTO PASSIVE ELECTRICAL COMPONENTS

5. Please send all correspondence concerning this document to: 07/19/2005 EHAILE1 00000050 11182227  
05 FC:8021

**Beyer Weaver & Thomas, LLP**  
**P.O. Box 70250**  
**Oakland, CA 94612-0250**  
**Customer Number: 022434**

40.00 0P

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Enclosed.  |
| <input type="checkbox"/>            | Charge to Deposit Account No. 500388 (Order No. _____).  |
| <input checked="" type="checkbox"/> | Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. NSC1P342). |

Date: July 14, 2005

James W. Rose  
Registration No. 34,239

Total number of pages including this cover sheet, attachments and documents: 3

Attorney Docket No. NSC1P342/P06315

(Revised 9/03)

**PATENT**  
**REEL: 016767 FRAME: 0863**

# ASSIGNMENT OF PATENT APPLICATION

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

## APPARATUS AND METHOD FOR MAKING INTEGRATED CIRCUIT PACKAGES HAVING INTEGRATED CIRCUITS MOUNTED ONTO PASSIVE ELECTRICAL COMPONENTS

(Atty. Docket No. NSCP342/P06315), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
☐ which bears U.S. application No. \_\_\_\_\_. (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, 95051-0606 ("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: Eric Anthony Sagen Date: 7/13/05  
Eric Anthony Sagen

State of Colorado )  
County of BOULDER ) SS.

On this 13 day of JULY, in the year 2005, before me, LINDA S. GORANSON, Notary Public, personally appeared Eric Anthony Sagen, 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 Linda S. Goranson  


My Commission Expires  
06/14/2008

1. Inventor Signature: James T. Doyle Date: 7/13/2005  
James T. Doyle

State of Colorado )  
County of BOULDER ) SS.

On this 13 day of JULY, in the year 2005, before me, LINDA S. GORANSON, Notary Public, personally appeared James T. Doyle, 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 Linda S. Goranson  


My Commission Expires  
06/14/2008