

01-29-1999

Q052933

Form PTO-1595  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

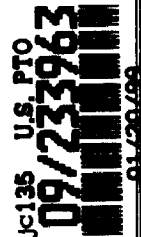
1-20-99

100952797

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Hideomi SHINTAKU  
  
Additional name(s) of conveying party(ies) attached?  
 yes  no

2. Name and address of receiving party(ies)?  
NEC CORPORATION  
7-1, Shiba 5-chome  
Minato-ku, Tokyo, Japan  
  
Additional name(s) & address(es) attached?  
 yes  no



3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Names  
 Other \_\_\_\_\_

Execution Date: January 4, 1999

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: January 4, 1999  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
J. Frank Osha, Esq.  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:  
1  
7. Total Fee (37 CFR 3.41): \$40.00  
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
 Authorized to be charged to Deposit Account  
8. Deposit Account No. 19-4880

DO NOT WRITE IN THIS SPACE

9. Statement and Signature.  
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.  
  
J. Frank Osha Reg. No. 24,625 January 20, 1999 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

01/23/1999 DMUYEN 00000164 09233963  
01 FC:581 40.00 GP

PATENT  
REEL: 9717 FRAME: 0493

# Assignment

Whereas, I/~~We~~, HIDEOMI SHINTAKU of  
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in  
A SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING THE SAME  
and executed an application for Letters Patent of the United States of America therefor on  
January 4, 1999 ; and

Whereas, NEC Corporation  
7-1, Shiba 5-chome, Minato-ku,  
Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/~~We~~, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its  
successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/~~We~~ request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/~~We~~ will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

I/~~We~~ hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of  
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application  
number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application  
number of said application when known.

Date: 1/4/1999 s/ Hideomi Shintaku   
HIDEOMI SHINTAKU

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Witness:

Date: 1/4/1999 s/ Akira Murakami

Date: 1/4/1999 s/ Akira Murakami

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)