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1. Name of conveying party(ies):  
Fumihiko HAYASHI  
  
Additional name(s) of conveying party(ies) attached?  
 yes  no  
**WRID 5-25-01**

2. Name and address of receiving party(ies)?  
NEC CORPORATION  
7-1, Shiba 5-chome  
Minato-ku, Tokyo, Japan

JC968 U.S. PTO  
09/864259  
05/25/01

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Names  
 Other \_\_\_\_\_  
  
Execution Date: May 23, 2001

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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: May 23, 2001  
A. Patent Application No.(s)/Confirmation No.(s) /Unknown  
**09864259**  
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  
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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 May 25, 2001  
J. Frank Osha Date

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06/06/2001 6TOM11 00000103 09864259

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40.00 DP

PATENT  
REEL: 011858 FRAME: 0941

# Assignment

Whereas, I/~~We~~, **FUMIHIKO HAYASHI** of  
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in  
SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on  
May 23, 2001 ; 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: 5/23/2001 s/ *Fumihiko Hayashi*  
FUMIHIKO HAYASHI

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

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

Witness:  
Date: 5/23/2001 s/ *Tetsuo Ueki*

Date: 5/23/2001 s/ *[Signature]*

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