

09-14-1998

NEC 98P091

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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toshiya HAYASHI                      Kousuke MIYOSHI  
Kouji HAMADA                         Shuichi SAITO  
Naoharu NISHIO

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

MRP 9-01-98

- Assignment                       Merger
- Security Agreement               Change of Name
- Other \_\_\_\_\_

Execution Date: August 21, 1998

2. Name and address of receiving party(ies):

Name: NEC CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 7-1, Shiba 5-chome, Minato-ku

City: Tokyo                              State: JAPAN                      ZIP: 100

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): 09144938

If this document is being filed together with a new application, the execution date of the application is: August 21, 1998

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:

Name: Norman P. Soloway

Internal Address: \_\_\_\_\_

Street Address: HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE  
175 Canal Street

City: Manchester                      State: NH                      ZIP: 03101

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

09144938  
08-1391

(Attach duplicate copy of this page if paying by deposit account)

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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.

Norman P. Soloway  
Name of Person Signing

*Norman P. Soloway*  
Signature

September 1, 1998  
Date

Total number of pages of this patent: 4

REEL: 9439 FRAME: 0291

JCS60 U.S. PTO  
09/14/98  
09/01/98

09144938  
08-1391

PATENT

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we, TOSHIYA HAYASHI, KOUJI HAMADA, NAOHARU NISHIO,  
KOUSUKE MIYOSHI and SYUICHI SAITOU

all of Tokyo, Japan

having invented certain inventions and improvements in \_\_\_\_\_

FABRICATION PROCESS OF SEMICONDUCTOR DEVICES

and having executed an application for Letters Patent of the United States of America describing the same and based thereon on

August 21, 1998, for good and valuable consideration, the receipt of which is hereby acknowledged, from NEC Corporation,

a Japanese corporation having its principal place of business at \_\_\_\_\_

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan (hereinafter

called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire rights, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications, and any patent which may be issued on the said invention in the United States of America.

And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.

Sole or First

Inventor's signature Toshiya Hayashi (林) Date August 21, 1998  
Full name (typed or printed) TOSHIYA HAYASHI

Witness: Akio Murano Witness: Akio Murano  
Date: August 21, 1998 Date: August 21, 1998

Second Inventor's  
signature Kouji Hamada (林) Date August 21, 1998  
Full name (typed or printed) KOUJI HAMADA

Witness: Akio Murano Witness: Akio Murano  
Date: August 21, 1998 Date: August 21, 1998

Third Inventor's  
signature Naoharu Nishio (林) Date August 21, 1998  
Full name (typed or printed) NAOHARU NISHIO

Witness: Akio Murano Witness: Akio Murano  
Date: August 21, 1998 Date: August 21, 1998

Fourth Inventor's

signature

Kousuke Miyoshi 

Date August 21, 1998

Full name (typed or printed) KOUSUKE MIYOSHI

Witness:

*[Signature]*

Witness:


*[Signature]*

Date: August 21, 1998

Date: August 21, 1998

Fifth Inventor's

signature

Shuichi Saito 

Date August 21, 1998

Full name (typed or printed) SHUICHI SAITO

Witness:

*[Signature]*

Witness:

*[Signature]*

Date: August 21, 1998

Date: August 21, 1998

Sixth Inventor's

signature \_\_\_\_\_

Date \_\_\_\_\_

Full name (typed or printed) \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Seventh Inventor's

signature \_\_\_\_\_

Date \_\_\_\_\_

Full name (typed or printed) \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_