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102663981

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Kazutoshi SHIBA  
Hiroyuki KUNISHIMA

1-30-04

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

NEC ELECTRONICS CORPORATION  
1753 Shimonumabe, Nakahara-ku,  
Kawasaki, Kanagawa 211-8668, Japan

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

3. Nature of conveyance:

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Execution Date: January 21, 2004

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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: January 21, 2004

A. Patent Application No.(s)

10767335

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents 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.

*Howard L. Bernstein*  
for Howard L. Bernstein

# 40,766

Reg. No. 25,665

January 30, 2004

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PATENT  
REEL: 014946 FRAME: 0553

Docket No.  
For Non-U.S. Clients

# Assignment

Whereas, I/We, Kazutoshi SHIBA and Hiroyuki KUNISHIMA  
all of Kanagawa, Japan  
hereinafter called assignor(s), have invented certain improvements in SEMICONDUCTOR  
DEVICE AND METHOD OF MANUFACTURING THE SAME and executed an  
application for Letters Patent of the United States of America therefor on  
\_\_\_\_\_ ; and


Whereas, NEC Electronics Corporation  
1753 Shimonumabe, Nakahara-ku,  
Kawasaki, Kanagawa 211-8668, 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 Director of the U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date: January 21, 2004 Kazutoshi Shiba   
s/ Kazutoshi SHIBA

Date: January 21, 2004 Hiroyuki Kunishima   
s/ Hiroyuki KUNISHIMA

Witness(es):

Date: January 21, 2004 Hitaru Ukeni  
s/

Date: January 21, 2004 [Signature]  
s/

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