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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):

Ushio HASE, Kenichi YAMAMOTO, Akinobu  
NAKAMURA

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

3. Nature of Conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Names☒ Other Rerecord to correct errors in the 2<sup>nd</sup> and 3<sup>rd</sup>  
Inventor's names at Reel 9626, Frame 0330

Additional name(s) &amp; address(es) attached?

☐ yes☒ no

Execution Date: November 12, 1998

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:

A. Patent Application No.(s)

(09/203,371)

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed: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

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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.

J. Frank Osha

Reg. No. 24, 625

July 13, 1999

Date

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

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Box Assignments

Washington, D.C. 20231

07/14/1999 DWGUYEN 00000232 09203371

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PATENT  
REEL: 010087 FRAME: 0599

# Assignment

Whereas, ~~We~~, USHIO HASE, KENICHI YAMAMOTO and AKINOBU NAKAMURA all of  
Tokyo, Japan

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

METHOD FOR TREATMENT OF SEMICONDUCTOR SUBSTRATE WITH CHEMICAL SOLUTION  
AND APPARATUS USED FOR SAID TREATMENT

and executed an application for Letters Patent of the United States of America therefor on  
November 12, 1998 ; 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,

~~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  
~~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 ~~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.

~~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: November 12,  
1998

s/

Ushio Hase  
USHIO HASE



Date: November 12,  
1998

s/

Kenichi Yamamoto  
KENICHI YAMAMOTO



Date: November 12,  
1998

s/

Akinobu Nakamura  
AKINOBU NAKAMURA



Date:

s/

Date:

s/

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

8/92 Witness :

Masumi Terauchi  
Akinobu Nakamura