

11-15-1999



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1. Name of conveying party(ies): Toshihiko NAKANO  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <b>3-19-99</b>		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? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no					
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Names <input type="checkbox"/> Other _____		Execution Date: March 16, 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: March 16, 1999 <table border="0" style="width:100%"> <tr> <td style="width:50%">A. Patent Application No.(s)</td> <td style="width:50%">B. Patent No.(s)</td> </tr> <tr> <td><b>09/272348</b></td> <td></td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				A. Patent Application No.(s)	B. Patent No.(s)	<b>09/272348</b>	
A. Patent Application No.(s)	B. Patent No.(s)						
<b>09/272348</b>							
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 <input checked="" type="checkbox"/> Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880. <input type="checkbox"/> Authorized to be charged to 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.

J. Frank Osha

Reg. No. 24,625

March 19, 1999

Date

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

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Box Assignments

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40E  
NOSPEC  
Fee

# Assignment

Whereas, I/~~WE~~, TOSHIHIKO NAKANO of  
Tokyo, Japan

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

and executed an application for Letters Patent of the United States of America therefor on  
March 16, 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: 3/16/1999

s/ Toshihiko Nakano  
TOSHIHIKO NAKANO

Date:

s/ \_\_\_\_\_

Date:

s/ \_\_\_\_\_

Witness:

Date: 3/16/1999

s/ Hideo Hayashi

Date: 3/16/1999

s/ [Signature]

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