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101932345

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Masaki ICHIHARA  
*12/21/01*  
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  
JC927 U.S. PTO  
10/023804  
12/21/01

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: December 14, 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: December 14, 2001  
A. Patent Application No.(s)  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
*10/023804*

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and patents 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.  
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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*  
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Total number of pages including cover sheet, attachments, and documents: 2  
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01/02/2002 LMUELLER 00000117 10023804  
01 FC:581 40.00 DP

# Assignment

Whereas, I/We, Masaki ICHIHARA of Tokyo, Japan

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

PLL CIRCUIT HAVING A VARIABLE OUTPUT FREQUENCY

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas,

NEC Corporation

7-1, Shiba 5-chome, Minato-ku,

Tokyo 108-8001 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 – 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 filing date and application number of said application when known.

Date: 14/12/2001

*Masaki Ichihara* 

s/ Masaki ICHIHARA

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

s/

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

s/

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

s/

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

Witness:

*Takayuki Mitani* *Attest*