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1. Name of conveying party(ies):  
Yoshifusa WADA  
  
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  
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Execution Date: May 11, 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: May 11, 1999  
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:  
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  
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J. Frank Osha Reg. No. 24, 625 Date  
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PATENT  
REEL: 010085 FRAME: 0974

# Assignment

Whereas, ~~I/We~~, YOSHI FUSA WADA of  
Tokyo, Japan

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

MULTI-WINNERS FEEDFORWARD NEURAL NETWORK

and executed an application for Letters Patent of the United States of America therefor on  
May 11, 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: 5/11/1999 s/ *Yoshifusa Wada*   
YOSHI FUSA WADA

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Witness:

Date: 5/11/1999 s/ *Kumitake Watanabe*

Date: 5/11/1999 s/ *[Signature]*

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