

10-23-2001



To the Honorable Commissioner of Patent

101882465

3 original documents or copy thereof.

1. Name of conveying party(ies):

CHAD B. McBRIDE

EXECUTION DATE
October 1, 2001

Additional names of conveying party(ies) attached?
 yes no

3. Nature of Conveyance

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date:

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

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road
City Armonk
State New York Zip 10504

Additional name(s) & address(es) attached? yes no

4. Application number(s) or patent number(s):

Title: **PIPELINED HARDWARE IMPLEMENTATION OF A NEURAL NETWORK CIRCUIT**

If this document is being filed together with a new application, the execution date of the application is SEE ABOVE

A. Patent Application No(s).

B. Patent No(s).

09970002

Additional numbers attached? Yes No

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

Valerie G. Dugan
Dugan & Dugan, L.L.P.
18 John Street
Tarrytown, New York 10591

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account
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8. IBM Corporate Deposit account number:

09-0465

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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.

Valerie G. Dugan
Registration 36,125
Tel.: (914) 332-9081

Valerie G. Dugan
Signature

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Total number of pages including cover sheet, attachments, and document: 2

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10/03/01

ASSIGNMENT

Whereas, I

(1), Chad B. McBride
County of Olmsted

City of Rochester
and State of Minnesota

have invented certain improvements in

PIPELINED HARDWARE IMPLEMENTATION OF A NEURAL NETWORK CIRCUIT

and have executed, respectively, a United States patent application therefor on

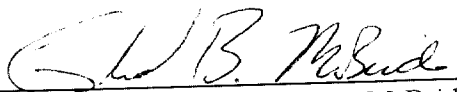
Dates
Inventor (1) October 01, 2001.
Signed
Declaration

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

Inventor at Rochester, Minnesota
(1) on 10/01, 2001.


(Chad B. McBride)
First Name Middle Name Last Name

Inventor
Signature