

06-02-1999

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US Department of Commerce  
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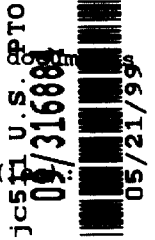
5.21.99



101053083

To the Honorable Commissioner o.  
or copy thereof.

Please record the attached original



1. Name of conveying party(ies):

Timothy J. Chainer  
Anthony P. Praino  
Mark D. Schultz  
Bucknell C. Webb  
Edward J. Yarmchuk

2. Name and address of receiving party

Name: International Business  
Machines Corporation

Street Address: Old Orchard Road  
City: Armonk State: NY ZIP: 10504

Additional name(s) of conveying  
party(ies) attached \_\_Yes XX No

Additional name(s) & address(es) attached?  
\_\_Yes XX No

3. Nature of conveyance:

XX Assignment

Execution Date: 7/8/97; 7/8/97; 7/8/97; 7/8/97; 7/9/97

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)  
08/891,122

B. Patent No.(s)

Additional numbers attached? \_\_Yes XX No

09.316.884

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

Name: IBM Corporation  
Internal  
Address: Intellectual Property Law  
Street  
Address: 5600 Cottle Road (L2PA/0142)  
San Jose, CA 95193

6. Total Number of applications and patents  
involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00  
\_\_ Enclosed  
XX Authorized to be charged to  
deposit account

8. Deposit Account Number: 09-0486

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.

Monica D. Lee  
Monica D. Lee

12/16/97  
Date

Total number of pages including cover sheet, attachments, and document: /\_2\_/

# ASSIGNMENT

Whereas, we

- |     |  |                                       |
|-----|--|---------------------------------------|
| (1) | Timothy J. Chainer<br>County of Putnam           | of Mahopac<br>and State of New York   |
| (2) | Anthony P. Praino<br>County of Dutchess          | of Poughquag<br>and State of New York |
| (3) | Mark D. Schultz<br>County of Westchester         | of Elmsford<br>and State of New York  |
| (4) | Bucknell C. Webb<br>County of Westchester<br>and | of Ossining<br>and State of New York  |
| (5) | Edward J. Yarmchuk<br>County of Putnam           | of Mahopac<br>and State of New York   |

have invented certain improvements in

## METHOD AND APPARATUS FOR CORRECTING FOR RANDOM ERRORS IN TIMING PATTERN GENERATION


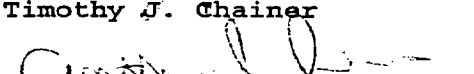
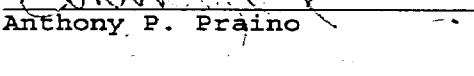
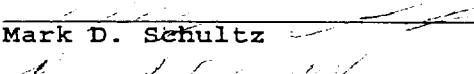

and executed a United States Patent Application therefor on

- (1) 7-8-97, (2) 7-8-97, (3) 7-9-97  
(4) 7-8-97 and (5) 7-9-97.

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, we, 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 the 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 we request the Commissioner of Patents to issue any Letters Patents 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

- |     |  |  |
|-----|--|--|
| (1) | YORKTOWN HEIGHTS, N.Y.<br>at (City, State)<br>on <u>7-8-97</u> | <br>Timothy J. Chainer |
| (2) | YORKTOWN HEIGHTS, N.Y.<br>at (City, State)<br>on <u>7-8-97</u> | <br>Anthony P. Praino  |
| (3) | YORKTOWN HEIGHTS, N.Y.<br>at (City, State)<br>on <u>7-8-97</u> | <br>Mark D. Schultz    |
| (4) | YORKTOWN HEIGHTS, N.Y.<br>at (City, State)<br>on <u>7-8-97</u> | <br>Bucknell C. Webb   |
| (5) | YORKTOWN HEIGHTS, N.Y.<br>at (City, State)<br>on <u>7-8-97</u> | <br>Edward J. Yarmchuk |