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To the Assistant Commissioner of Patents: Please record the attached original document or copy thereof.

1. Submission Type: <input checked="" type="checkbox"/> New	2. Conveyance Type: <input checked="" type="checkbox"/> Assignment	1002 U.S. PTO 09/635456 08/11/00
3. Conveying Parties:  (1) Paul Joseph Jordan (2) Peter Juergen Klim	4. Execution Date  08012000 08022000	

5. Receiving Party:  
  
International Business Machines Corporation  
New Orchard Road  
Armonk, New York 10504

09/635/456

6. Application Number/Patent Number:  
  
Patent Application Number: \_\_\_\_  
Patent Number: \_\_\_\_  
**New Application: execution date of application  
by first-named inventor: 08012000**

MRO  
8-11-00

7. Correspondent Name and Address:  Anthony V. S. England, Esq. IBM CORPORATION - Austin Zip 4054 11400 Burnet Road Austin, Texas 78758 Tel.: (512) 838-6640	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  <input checked="" type="checkbox"/> Authorized to be charged to IBM Corporation Deposit Account No. 09-0447
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Mary Ann Healey  
Name of Person Signing

For: FELSMAN, BRADLEY, JADEN,  
GUNTER & DILLON, LLP

08 August 2000  
Date

10/06/2000 DBYRNE 00000110 090447 09635456  
41 FC:581 40.00 CH

**A S S I G N M E N T**

Whereas, we,

(1) Paul Joseph Jordan  
County of Travis

of Austin,  
and State of Texas,

and

(2) Peter Juergen Klim  
County of Travis

of Austin,  
and State of Texas,

have invented certain improvements in

**REGISTER FILE WITH DELAYED PARITY CHECK**

and executed, respectively, a United States patent application therefor on  
(Dates Inventors Signed Declaration) (1) August 1, 2000, and  
(2) 08/01, 2000.

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 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 Patent granted upon the invention set forth in said application to  
IBM, its successors and assigns; and we hereby agree that IBM may apply for  
foreign Letters Patent on said invention and we will execute all papers  
necessary in connection with the United States and foreign applications when  
called upon to do so by IBM.

(1) Signed at Austin on August 1, 2000;

Paul Joseph Jordan  
Paul Joseph Jordan

and (2) signed at Austin on 08/02, 2000;

Peter Juergen Klim  
Peter Juergen Klim