



To the Assistant Commissioner for Patent

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its or copy thereof.

22264 U.S. PTO
10754011

010804

1. Name of conveying party(ies):
- (1) Paul Reuben Day
 - (2) Brian Robert Muras

1804

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

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

3. Nature of Conveyance

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

Execution Date: January 6, 2004

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

TITLE: **METHOD APPLYING TRANSITIVE CLOSURE TO GROUP BY AND ORDER BY CLAUSES**

If this document is being filed together with a new application, the execution date of the application is January 6, 2004.

A. Patent Application No(s).

10754011

B. Patent No(s).

Docket No. ROC920030217US1

Additional numbers attached? Yes No

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

Steven W. Roth
IBM Corporation - Dept. 917
3605 Highway 52 North
Rochester, MN 55901-7829

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
 - Total fee due
 - Any deficiencies in the enclosed fees

8. Deposit account number:

09-0465

(Attach duplicate copy of this page if paying by deposit account)

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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.

Steven W. Roth, Reg. No. 34,712
Name of Person Signing

Signature

January 8, 2004
Date

Total number of pages comprising cover sheet: 1

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ASSIGNMENT

WHEREAS, we, **Paul Reuben Day**, residing at 1428 12th Avenue NE, Rochester, Minnesota 55906, and **Brian Robert Muras**, residing at 2133 17th Street NE, Rochester, Minnesota 55906, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on January 6, 2004 and January 6, 2004, respectively, which is entitled **METHOD APPLYING TRANSITIVE CLOSURE TO GROUP BY AND ORDER BY CLAUSES**.

AND WHEREAS, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at New Orchard Road, Armonk, New York 10504 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

1-6-2004
Date

Paul Reuben Day
Paul Reuben Day

1-6-2004
Date

Brian Robert Muras
Brian Robert Muras