

12-04-2001



101907454

To the Honorable Commissioner of Patent

and the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Roediger, Robert Ralph
(2) Schmidt, William Jon

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: (1) 11/16/01; (2) 11/15/01

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: COMPILER APPARATUS AND METHOD FOR OPTIMIZING LOOPS IN A COMPUTER PROGRAM

If this document is being filed together with a new application, the execution date of the application is 11/16/01

A. Patent Application No(s).

ROC920010171US1

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total number of applications and patents involved: 1

7. Total fee (37 CVF 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 for IBM Corporation

(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.

Derek P. Martin

Name of Person Signing

Derek P. Martin

Signature

11/19/01

Date

Total number of pages comprising cover sheet: 1

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ASSIGNMENT

Whereas, we

- | | | |
|-----|-----------------------|---|
| (1) | Robert Ralph Roediger | City of Rochester
and State of Minnesota |
| (2) | William Jon Schmidt | City of Rochester
and State of Minnesota |

have invented certain improvements in:

**COMPILER APPARATUS AND METHOD FOR OPTIMIZING LOOPS IN A
COMPUTER PROGRAM**

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

(1) November 16, 2001 (2) November 15, 2001

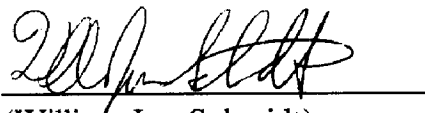
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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 application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications 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) at Rochester, Minnesota
on 11 - 16 - 2001


(Robert Ralph Roediger)
First Name Middle Last Name Signature
Inventor

and (2) at Rochester, Minnesota
on 11 - 15 2001


(William Jon Schmidt)
First Name Middle Last Name Signature
Inventor