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09-21-1999

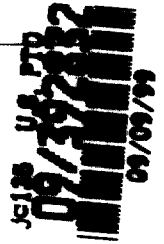
Docket No. AT9-99-253

MRO 9-9-99



101149540

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.



1. Name of conveying party(ies):

Mark A. Peloquin
Benedict Michael Rafanello
John C. Stiles

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

International Business
Machines Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

X Assignment

Execution Date: 8/31/99 and 9/2/99 091392832

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 8/31/99 and 9/2/99

A. Patent Application No.(s)

B. Patent No.(s)

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

Jeffrey S. LaBaw
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0494

6. Total number of applications and patents involved: 1

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

X Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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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.

Jeffrey S. LaBaw
Name of Person Signing

Jeffrey S. LaBaw 9/3/99
Signature Date

Total number of pages including cover sheet: 3

09/17/1999 MTHA11 00000065 090447 09392832

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A S S I G N M E N T

Whereas, we,

(1) MARK A. PELOQUIN of AUSTIN,
County of TRAVIS and State of TEXAS,

and
(2) BENEDICT MICHAEL RAFANELLO of ROUND ROCK,
County of WILLIAMSON and State of TEXAS,

and
(3) JOHN CAMERON STILES of ROUND ROCK,
County of WILLIAMSON and State of TEXAS,

have invented certain improvements in

METHOD AND APPARATUS FOR IMPROVING PERFORMANCE OF DRIVE LINKING THROUGH USE OF HASH TABLES

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) 8/31/99, 1999, and (2) 31 Aug, 1999, and
(3) _____, 19____.

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 therefore;

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 8/31, 1999.

Mark A. Pelouquin
MARK A. PELOQUIN

and (2) Signed at Austin on 31 Aug, 1999.

Benedict Michael Rafanello
BENEDICT MICHAEL RAFANELLO

and (3) Signed at _____ on _____, 19____.

JOHN CAMERON STILES

IBM DOCKET NO. AT9-99-253

A S S I G N M E N T

Whereas, we,

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(2) BENEDICT MICHAEL RAFANELLO of ROUND ROCK,
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and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _____, 19____ and (2) _____, 19____, and
(3) SEPTEMBER 2, 1999.

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 therefore,

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 _____ on _____, 19____.

MARK A. PELOQUIN

and (2) Signed at _____ on _____, 19____.

BENEDICT MICHAEL RAFANELLO

and (3) Signed at ESCHBORN, GERMANY on SEPTEMBER 2, 1999.


JOHN CAMERON STILES