Form PTO-1595

RECOF

ICE

U.S. Department of Commerce

_NTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

4·14·03

1. Name of conveying party(ies):

A Thomas J. Knips _____ g)_____
B James W. Dawson _____ h)_____
C John D. Davis _____ i)_____
D Douglas J. Malone _____ j)_____
e _____ k)_____
f _____ l)_____

More names attached? ___Y _x_N

2. Name and address of receiving party(ies):
   Name: INTERNATIONAL BUSINESS
          MACHINES CORPORATION
   Address: New Orchard Road
            Armonk, NY 10504

More names attached? ___Y _x_N

3. Nature of Conveyance: _x_ Assignment

4. Application number: Filed:
   Filed with new application: _X_ yes ___ no   10413614

Execution date(s):

a) April 11, 2003 _____ g) _____
b) April 11, 2003 _____ h) _____
c) April 11, 2003 _____ i) _____
D) April 11, 2003 _____ j) _____
e) _____ k) _____
f) _____ l) _____

Additional numbers attached? ___Y _x_N

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Lynn L. Augspurger
          IBM Corporation
          Intellectual Property Law
          2455 South Road, P386
          Poughkeepsie, New York 12601

6. Total # of applications and patents involved: _01_

7. Total fee (37 CFR 3.41): $ _40.00_ .

8. Charge to Deposit Account 09-0463 (IBM).

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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.
   Susan L. Nelson   _Susan L. Nelson_   _4-14-2003_
                         Signature   Date

Total number of pages including cover sheet, attachments, and document: _2_

Express Mail Label No. (if applicable): EU885199520US _Docket No.: POU920030033US1

PATENT
REEL: 013981 FRAME: 0033

A S S I G N M E N T

Whereas, We

(1) **Thomas J. Knips**
County of Dutchess

of Wappingers Falls
and State of New York

(2) **James W. Dawson**
County of Dutchess

of Poughkeepsie
and State of New York

(3) **John D. Davis**
County of Orange

of Maybrook
and State of New York,

(4) **Douglas J. Malone**
County of Dutchess

of ~~Poughkeepsie~~ *Pleasant Valley*
and State of New York

have invented certain improvements in **IMPROVED ABIST ADDRESS GENERATION**

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

(1) _4-11-2003_ , (2) _4-11-2003_ ,

(3) _4-11-2003_ , (4) _4-11-2003_ .

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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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.

Signed

(1) at _Poughkeepsie NY_
on _4-11-2003_

Thomas J. Knips
Thomas J. Knips

(2) at _Poughkeepsie NY_
on _4-11-2003_

James W. Dawson
James W. Dawson

(3) at _Poughkeepsie NY_
on _4-11-2003_

John D. Davis
John D. Davis

(4) at _Poughkeepsie NY_
on _4-11-2003_

Douglas J. Malone
Douglas J. Malone