

08-05-1998



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

1. Name of conveying party(ies):

James Knutson

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

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

jc511 U.S. PTO
09/124718
07/30/98

3. Nature of conveyance:

X AssignmentExecution Date: July 20, 1998

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 July 20, 1998

A. Patent Application No.(s)

B. Patent No.(s)

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

David A. Mims, Jr.
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0950

6. Total number of applications and patents involved: 17. 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.

David A. Mims, Jr.
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

A S S I G N M E N T

Whereas, I, James Knutson of Austin, County of Travis, and State
of Texas,

have invented certain improvements in

METHOD AND APPARATUS FOR DYNAMIC APPLICATION AND MAINTENANCE OF PROGRAMS

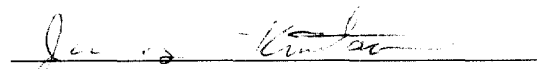
and executed a United States patent application therefor on

7/30/98, 1998;

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 and foreign countries, and all rights of priority resulting from the filing of said United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed at Austin on July 30, 1998.


James Knutson