



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

101588401

January 5, 2001
Attorney Dkt. 5577-213

1. Name of conveying party(ies):

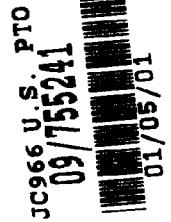
Peter F. Haggar
James A. Mickelson
David M. Wendt

1/5/01

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

International Business Machines Corporation
Armonk, New York 10504

9/755241



Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

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

Execution Date: January 4, 2001; January 2, 2001; January 2, 2001

Additional name(s) & address(es) attached? Yes ☒ No

4. Application Serial No. _____ Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: January 4, 2001; January 2, 2001; January 2, 2001

Additional numbers attached? Yes ☒ No

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

D. Scott Moore
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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

8. Deposit account number: 09-0461

DO NOT USE THIS SPACE

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.

D. Scott Moore, #42,011
Name of Person Signing

D. Scott Moore

Signature

January 5, 2001
Date

Total number of pages including cover sheet, attachments and document: 5

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Peter F. Haggar**, citizen of the United States of America, residing at 5709 Thistleton Lane, Raleigh, County of Wake, State of North Carolina 27606; **James A. Mickelson**, citizen of the United States of America, residing at 111 Dorchester Pines Court, Cary, County of Wake, State of North Carolina 27511; and **David M. Wendt**, citizen of the United States of America, residing at 611 Wakehurst Drive, Apex, County of Wake, State of North Carolina 27502;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR MEMORY POOL MANAGEMENT USING VARIABLE SIZE SUB-POOLS** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No.

_____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **International Business Machines Corporation**, a New York corporation having a principal place of business at Armonk, New York 10504, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the

priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.


We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

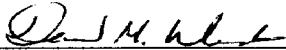
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 4TH day of JANUARY, 2001.

Peter F. Haggan (SEAL)
Peter F. Haggan

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day
of January, 2001.

 (SEAL)
James A. Mickelson

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day
of January, 2001.

 (SEAL)
David M. Wendt