Needham J. Boddie, II Reg. No. 40,519

mks 8-5-98 To the Honorable Commissioner of Patents and August 5, 1998 Please record the attached original documents or copy thereof. Attorney Dkt: 5577-86 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Elias Bayeh International Business Machines Corporation 09/128948 Armonk, New York 10504 Lin Davis Additional name(s) of conveying party(ies) attached? ____ Yes X No. Additional name(s) & address(es) attached? 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: August 5, 1998 4. Application Serial No. _____ Patent No. If this document is being filed together with a new application, the execution date of the application is: August 5, 1998 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Needham J. Boddie, II Myers Bigel Sibley & Sajovec, P.A. P. O. Box 37428 111 Corning Road, Suite 250 Raleigh, NC 27627 7. Total fee (37 CFR 3.41) \$_40.00 Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 09-0461 (Attach duplicate copy of this page if paying by deposit account) 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 true copy of the original document.

Total number of pages including cover sheet, attachments and document: 3

ASSIGNMENT

THIS ASSIGNMENT, made by us, Elias Bayeh, a citizen of the United States of America, residing at 120 West Skyhawk Drive, Cary, North Carolina 27513; and Lin Davis, a citizen of the United States of America, residing at 104 Whitlock Lane, Cary, North Carolina 27513, respectively;

WITNESSETH: That.

WHEREAS, we are the joint inventors of certain new and useful improvements in SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR HANDLING CLIENT REQUESTS FOR SERVER APPLICATION PROCESSING for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, International Business Machines Corporation (hereinafter referred to as "IBM"), 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 provisionals, 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 thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, 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 me if this assignment and sale had not been made.

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

> PATENT REEL: 9368 FRAME: 0748

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 bind our heirs, legal representatives, and assigns promptly to 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.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 5 Hz day of 1998.

Us Doych (SEAL)

Lind Danis (SEAL)

Attorney Docket No. 5577-86

RECORDED: 08/05/1998