ASSIGNMENT RECOR

02-26-1990

Only

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	February 22 Attorney Dkt: 55	

To the Honorable Commissioner of Patents and Trademark	100973488	February 22, 1999 Attorney Dkt: 5577-130
Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving	party(ies):
David E. Cox Kent F. Hayes, Jr. David B. Lindquist John R. McGarvey Abdi Salahshour	International Business Machines Armonk, New York 10504	Corporation
Additional name(s) of conveying party(ies) attached? Yes X No	Additional name(s) & address(es) attached	? Yes <u>X</u> No
3. Nature of conveyance:		
X Assignment Merger Security Agreement Change of Name Other Execution Date: February 16, 1999		
4. Application Serial No. <u>09/211,528</u> Patent No		
If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? Yes _X_ No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications an	d patents involved: 1
Timothy J. O'Sullivan Myers Bigel Sibley & Sajovec P. O. Box 37428 111 Corning Road, Suite 250 Raleigh, NC 27627		
	7. Total fee (37 CFR 3.41)	\$ 40.00
2/25/1999 JSHABAZZ 00000194 090461 09211528	Enclosed _X_ Authorized to be charged to	o deposit account
FC:581 40.00 CH	8. Deposit account number: 09-04	161
	(Attach duplicate copy of this page if paying by depor	sit 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 a true copy of the original document. Robert W. Glatz Total number of pages including cover sheet, attachments and document: _3		

PATENT REEL: 9780 FRAME: 0119

ASSIGNMENT

THIS ASSIGNMENT, made by us, **David E. Cox**, a citizen of the United States of America, residing at 2004 Lacebark Lane, Raleigh, North Carolina; **Kent F. Hayes, Jr.**, a citizen of the United States of America, residing at 9309 Bracken Lane, Chapel Hill, North Carolina; **David B. Lindquist**, 4001 Lake Springs Court, Raleigh, North Carolina; **John R. McGarvey**, a citizen of the United States of America, residing at 7133 Eastridge Drive, Apex, North Carolina; and **Abdi Salahshour**, a citizen of the United States of America, residing at 2609 Jasper Lane, Raleigh, North Carolina respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR CENTRALIZED MANAGEMENT OF APPLICATION PROGRAMS ON A NETWORK for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on December 14, 1998 as Serial No. 09/211,528, 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 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.

PATENT REEL: 9780 FRAME: 0120 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 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.

David E. Cox (SEAL)

Kent F. Haves Ir (SEAL)

Jai B. Sings (SEAL)

David B. Lindquist

Wohn R McCovey (SEAL)

Abdi Salahshour (SEAL)

RECORDED: 02/25/1999