## **ASSIGNMENT RECORDATION FORM COVER SHEET**

02-22-1999



To the Honorable Commissioner of Patents and Trademarks:	JUU9/U032 Joruary 10, 1999 Attorney Dkt 5577-141
Please record the attached original documents or copy thereof.	Attorney Dkt 3577-141
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Yongcheng Li John R. Hind Yih-Shin Tan Steven D. Ims	International Business Machines Corporation Armonk, New York 10504
MRD 2-1-99	9
Additional name(s) of conveying party(ies) attached?Yes_X No	
3. Nature of conveyance:	
X Assignment  Merger Security Agreement Change of Name Other Execution Date: February 10, 1999	
	Additional name(s) & address(es) attached?Yes_X No
4. Application Serial NoPatent No.  If this document is being filed together with a new application, is: February 10, 1999  Additional numbers attached? Yes X_No	the execution date of the application
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Robert M. Meeks  Myers Bigel Sibley & Sajovec P. O. Box 37428  Raleigh NC 27627	7. Total fee (37 CFR 3.41) \$\frac{1}{2}\$ Enclosed \(\frac{1}{2}\) 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 of the original document.	on is true and correct and any attached copy is a true copy
Robert M. Meeks, #40,723 Name of Person Signing Total number of pages including cover sheet, attachments and documents and documents.	February 10, 1999 Date  ument: 3
/18/1999 SBURNS 00000045 090461 09247261	

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> **PATENT REEL: 9768 FRAME: 0031**

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Yongcheng Li**, citizen of the People's Republic of China, residing at 107 Olde Tree Drive, Raleigh, North Carolina 27606; **John R. Hind**, citizen of the United States of America, residing at 5408 Harrington Grove, Raleigh, North Carolina 27613; **Yih-Shin Tan**, citizen of the United States of America, residing at 300 Gretton Place, Raleigh, North Carolina, 27615; and **Steven D. Ims**, a citizen of the United States of America, residing at 208 Tenbury Wells Drive, Apex, North Carolina 27502; respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in Methods, Data Structures, and Computer Program Products for Representing States of Interaction in Automatic Host Access and Terminal Emulation Using Scripts 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 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: 9768 FRAME: 0032 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.

IN WITNESS WHEREOF, we have hereunto set our ha	ands and seals on this
day of 10, February, 1999.	
Main	(SEAL)
Youngcheng Li	
J. R. Hind	(SEAL)
Yih-Shin Tan	(SEAL)
Steven D. Ims	(SEAL)

PATENT REEL: 9768 FRAME: 0033

**RECORDED: 02/10/1999**