

10-05-2000

y. Docket No. RSW9-2000-0113-US1  
HEET

101480032

To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.10041 U.S. PTO  
09/652296  
08/31/00

1. Name of conveying party(ies):

John R. Hind  
Yongcheng Li  
Yih-Shin TanAdditional name(s) of conveying  
party(ies) attached? \_\_\_Yes \_\_\_X\_No

8-31-00

2. Name and address of receiving  
party(ies):Name: IBM Corporation  
Address: New Orchard Road  
Armonk, NY 10504Additional name(s) & addresses  
attached? \_\_\_Yes \_\_\_X\_No3. Nature of conveyance:  
X Assignment

Execution Date(s): 8/31/2000

4. Patent Application number(s)

Execution Date(s): 8/31/2000

09/652296

5. Name and address of party to whom  
correspondence concerning  
document should be mailed:Name: Jeanine S. Ray-Yarletts  
Address: IBM Corporation  
Intellectual Property Law  
Dept. T81/Bldg. 062  
P. O. Box 12195  
3039 Cornwallis Road  
Research Triangle Park, NC 277096. Total number of applications  
involved: 1

7. Total fee (37 CFR 3.41): \$40.00

X Charge to Deposit Account No.:  
09-0461  
(A duplicate copy of this sheet  
is enclosed)

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8. 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 original document.

Jeanine S. Ray-Yarletts

Name of Person Signing

Signature

Date

Total no. of pages including cover sheet, attachments and document: 3

10/04/2000 GTOW11 00000110 090461 09652296

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PATENT  
REEL: 011123 FRAME: 0123

## ASSIGNMENT

Whereas, we

(1) **John R. Hind**  
County of Wake,

City of Raleigh,  
and State of North Carolina,

and (2) **Yongcheng Li**  
County of Wake,

City of Raleigh,  
and State of North Carolina

and (3) **Yih-Shin Tan**  
County of Wake

City of Raleigh,  
and Sate of North Carolina

have invented certain improvements in

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and have executed, respectively, a United States patent application therefor on

(1) August 31, 2000 and (2) August 31, 2000

and (3) August 31, 2000.

And 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, we 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

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SIGNED AND SEALED

(1) at RTD on 8/31/00.  
John R. Hind  
John R. Hind

(2) at Research Triangle Park, NC on 8/31/2000.  
Yongcheng Li  
Yongcheng Li

(3) at Research Triangle Park on 8/31/2000.  
Yih-Shin Tan  
Yih-Shin Tan