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Docket No. AUS9200408250S1

## PATENTS

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

## 1. Name of conveying party(ies):

Charles Jay Alpert  
Zhuo Li  
Stephen Thomas Quay

## 2. Name and address of receiving party:

International Business  
Machines Corporation  
New Orchard Road  
Armonk, New York 10504

## 3. Nature of conveyance:

☒ Assignment

Execution Date: November 22, 2004, NOV. 23, 2004, Nov. 22, 2004

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is November \_\_, 2004

A. Patent Application No. (s)

10/996292

B. Patent No. (s)

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

Casimer K. Salys  
IBM Corporation  
Intellectual Property Law  
11400 Burnet Road  
Austin, TX 78758  
(512) 823-0092

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

☒ Authorized to be charged to  
Deposit Account

## 8. Deposit account number:

09-0447

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## 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.

Casimer K. Salys  
Name of Person Signing

  
Signature

11/23/04  
Date

Total number of pages including cover sheet: 2

IBM DOCKET NO. AUS920040825US1

**ASSIGNMENT**

Whereas, we,

- (1) Charles Jay Alpert of Round Rock, County of Williamson, and State of Texas
- (2) Zhuo Li of College Station, County of Brazos, and State of Texas
- (3) Stephen Thomas Quay of Austin, County of Williamson, and State of Texas
- have invented certain improvements in

**TECHNIQUES FOR SUPER FAST BUFFER INSERTION**

and executed a United States patent application therefore on  
(1) November 22, 2004; and (2) November \_\_, 2004; and (3) and November 22, 2004.

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 therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

- (1) Signed at Austin, Texas, on November 22, 2004.

  
Charles Jay Alpert

- (2) Signed at \_\_\_\_\_, on November \_\_, 2004.

\_\_\_\_\_  
Zhuo Li

- (3) Signed at Austin, Texas, on November 22, 2004.

  
Stephen Thomas Quay

IBM DOCKET NO. AUS920040825US1

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

- (1) Signed at Austin, Texas, on November \_\_, 2004.

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Charles Jay Alpert

- (2) Signed at College Station, Texas, on November 23, 2004.

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Zhuo Li

- (3) Signed at Austin, Texas, on November \_\_, 2004.

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Stephen Thomas Quay