

In place of Form PTO-1595

Docket No. AUS920030768US1

RE

12-30-2003

12-17-03



102634565

hereof.

To the Commissioner for Patents: Please receive

22386 U.S. PTO  
10738714

121703

<b>1. Name of conveying party(ies):</b> (1) CHARLES JAY ALPERT (2) MILOS HRKIC (3) STEPHEN THOMAS QUAY  Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No	<b>Execution Date:</b> <u>12-16-03</u> <u>12-15-03</u> <u>12-16-03</u>
<b>2. Name and address of receiving party(ies):</b> International Business Machines Corporation New Orchard Road Armonk, New York 10504	<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other

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

10738714

If this document is being filed together with a new application, the execution date of the application is:

(1) 12-16-03 (2) 12-15-03 (3) 12-16-03

A. Patent Application No.(s) \_\_\_\_\_ 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: 1

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

☐ Enclosed  
☒ 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

Casimer K. Salys  
 Signature

12/17/03  
 Date

12/29/2003 6TON11 00000009 090447 10738714  
 01 FC:0021 40.00 DA

Total number of pages including cover sheet: 5

## A S S I G N M E N T

Whereas, we,

(1) Charles Jay Alpert  
County of Williamson

of Round Rock  
and State of Texas

and

(2) Milos Hrkic  
County of Travis

of Austin  
and State of Texas

and

(3) Stephen Thomas Quay  
County of Williamson

of Austin  
and State of Texas

have invented certain improvements in

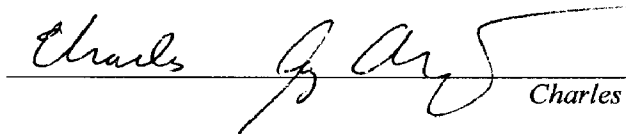
**METHOD AND APPARATUS FOR PERFORMING DENSITY-BIASED BUFFER INSERTION IN AN  
INTEGRATED CIRCUIT DESIGN**

and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) 12/16, 2003,  
(2) \_\_\_\_\_, 2003, and (3) 12/16, 2003.

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, 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.

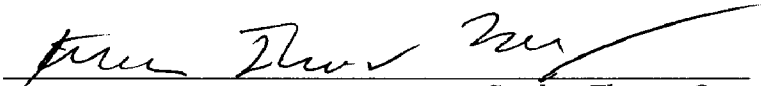
(1) Signed at Austin on 12/16, 2003.

  
Charles Jay Alpert

and (2) Signed at Princeton, NJ on \_\_\_\_\_, 2003.

\_\_\_\_\_  
*Milos Hrkic*

and (3) Signed at Austin on 12/16, 2003.

  
\_\_\_\_\_  
*Stephen Thomas Quay*

IBM DOCKET NO. AUS920030768US1

## A S S I G N M E N T

Whereas, we,

(1) Charles Jay Alpert  
County of Williamsonof Round Rock  
and State of Texas

and

(2) Milos Hrkic  
County of Travis MERCERof Austin PRINCETON  
and State of Texas New Jersey MA

and

(3) Stephen Thomas Quay  
County of Williamsonof Austin  
and State of Texas

have invented certain improvements in

METHOD AND APPARATUS FOR PERFORMING DENSITY-BIASED BUFFER INSERTION IN AN  
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and executed, respectively, a United States patent application therefore on  
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(2) 12/15, 2003, and (3) \_\_\_\_\_, 2003.

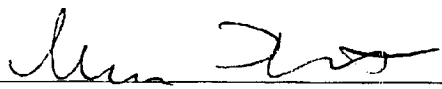
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of  
New York, having a place of business at Armonk, New York 10504, (hereinafter  
called IBM), desires to acquire the entire right, title and interest in the  
said application and invention, and to any United States and foreign patents  
to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby  
acknowledged, 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.

(1) Signed at Austin on \_\_\_\_\_, 2003.Charles Jay Alpert

IBM DOCKET NO. AUS920030768US1

and (2) Signed at Princeton, NJ on 12/15/, 2003.

  
\_\_\_\_\_  
Milos Hrkic

and (3) Signed at Austin on \_\_\_\_\_, 2003.

\_\_\_\_\_  
Stephen Thomas Quay