

Form PTO-1595

## U.S. PATENT AND TRADEMARK OFFICE

U.S. Department of Commerce

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

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

A) Wei-Yi Xiao I)  
 B) Dean G. Bair J)  
 C) Thomas Ruane K)  
 D) William Lewis L)  
 E)  M)  
 F)  N)  
 G)  O)  
 H)  P)

## 2. Name and address of receiving party(ies):

Name: INTERNATIONAL BUSINESS  
MACHINES CORPORATION  
 Address: New Orchard Road  
Armonk, NY 10504

More names attached? Y X NMore names attached? Y X N3. Nature of Conveyance: X Assignment

4. Application number: 11/040,140 Filed: 1/21/2005  
 Filed with new application: yes X no

## Execution date(s):

a) November 19, 2004 i)  
 b) December 2, 2004 j)  
 c) November 30, 2004 k)  
 d) December 1, 2004 l)  
 e)  m)  
 f)  n)  
 g)  o)  
 h)  p)

Additional numbers attached? Y X N

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

Name: Lynn L. Augspurger  
IBM Corporation  
Intellectual Property Law  
2455 South Road, P386  
Poughkeepsie, New York 12601  
 Fax: 845-432-9601

6. Total # of applications and patents involved: 01

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

8. Charge to Deposit Account  
09-0463 (IBM).

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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.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Express Mail Label No.

Docket No.: POU920040070US1**PATENT**

700236760

REEL: 017184 FRAME: 0502

CH \$40.00 090463 11040140

Docket No. POU920040070US1

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

Whereas, We

- |  |                                      |
|--|--------------------------------------|
| (1) <b>Wei-Yi Xiao</b><br>County of Dutchess   | of Poughkeepsie<br>State of New York |
| (2) <b>Dean G. Bair</b><br>County of Ulster    | of Bloomington<br>State of New York  |
| (3) <b>Thomas Ruane</b><br>County of Dutchess  | of Poughkeepsie<br>State of New York |
| (4) <b>William Lewis</b><br>County of Dutchess | of Poughkeepsie<br>State of New York |

have invented certain improvements in **Multi-thread Parallel Segment Scan Simulation of Chip Element Performance**

And executed, respectively, a United States patent application therefor on

- |                       |                      |
|-----------------------|----------------------|
| (1) <u>11-19-2004</u> | (2) <u>12-2-2004</u> |
| (3) <u>11-30-2004</u> | (4) <u>12-1-2004</u> |

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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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.

**Signed**

- |   |  |
|---|--|
| (1) at Poughkeepsie, NY<br>on <u>11/19/2004</u> |  |
| (2) at Poughkeepsie, NY<br>on <u>12/2/2004</u>  |  |
| (3) at Poughkeepsie, NY<br>on <u>11/30/2004</u> |  |
| (4) at Poughkeepsie, NY<br>on <u>12/1/2004</u>  |  |

<u>Wei-Yi Xiao</u>	
Wei-Yi Xiao	
<u>Dean G. Bair</u>	
Dean G. Bair	
<u>Thomas Ruane</u>	
Thomas Ruane	
<u>William Lewis</u>	
William Lewis	

**PATENT****RECORDED: 01/13/2006****REEL: 017184 FRAME: 0503**