

In place of Form PTO-1595

Docket No. CA920050081US1

RECORDATION FORM COVER SHEET  
PATENTS

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

<b>1. Name of conveying party(ies):</b>  (1) Alexandre E. Eichenberger (2) Kai-Ting Amy Wang (3) Peng Wu (4) Peng Zhao  Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No	<b>Execution Date:</b>  <u>January 23, 2006</u> <u>January 19, 2006</u> <u>January 20, 2006</u> <u>January 20, 2006</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):**

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

A. Patent Application No.(s) 11/340,452

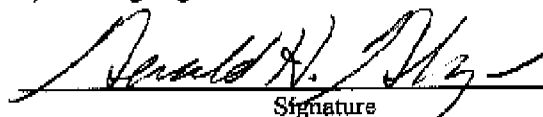
B. Patent No.(s) \_\_\_\_\_

**5. Name and address of party to whom correspondence concerning document should be mailed:**Duke W. Yee  
Yee & Associates, P.C.  
P.O. Box 802333  
Dallas, Texas 75380  
(972) 385-8777**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:**12-2158

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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.

Gerald H. Glanzman  
Name of Person Signing  
SignatureApril 18, 2006  
DateTotal number of pages including cover sheet: 7

IBM DOCKET NO. CA920050081US1

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

Whereas, we,

(1) Alexandra E. Eichenberger of Chappaqua  
County of Westchester and State of New York

and

(2) Kai-Ting Amy Wang of North York  
Province of Ontario and Country of Canada

and

(3) Peng Wu of Mt. Kisco  
County of Westchester and State of New York

and

(4) Peng Zhao of East York  
Province of Ontario and Country of Canada

have invented certain improvements in


METHOD TO ANALYZE AND REDUCE NUMBER OF DATA REORDERING OPERATIONS IN SIMD  
CODE

and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) January 23<sup>rd</sup>, 2006,  
(2) \_\_\_\_\_, 2006, (3) \_\_\_\_\_, 2006, and  
(4) \_\_\_\_\_, 2006.

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 Yorktown Heights on 01/23/, 2006.



Alexandra E. Eichenberger

IBM DOCKET NO. CA920050081US1

and (2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.

\_\_\_\_\_  
Kai-Ting Amy Wang

and (3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.

\_\_\_\_\_  
Peng Wu

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(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.

Alexandre E. Eichenberger

IBM DOCKET NO. CA920050081US1

and (2) Signed at Markham on Jan 19<sup>th</sup>, 2006.

Kai Ting Amy Wang  
Kai-Ting Amy Wang

and (3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.

\_\_\_\_\_  
Peng Wu

and (4) Signed at Markham on Jan 20, 2006.

Peng Zhao  
Peng Zhao

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\_\_\_\_\_  
Alexandre E. Eichenberger

PATENT

IBM DOCKET NO. CA920050081US1

and (2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.

\_\_\_\_\_  
Kai-Ting Amy Wangand (3) Signed at Rochester on 01/20, 2006.\_\_\_\_\_  
Peng Wu

and (4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.

\_\_\_\_\_  
Peng Zhao

**Yee &  
Associates, P.C.**4100 Alpha Road  
Suite 1100  
Dallas, Texas 75244Main No. (972) 385-8777  
Facsimile (972) 385-7766**Facsimile Cover Sheet**

To: USPTO Assignment Division	Facsimile No.: 571/273-0140
From: Stephanie Fay for Michele Morrow Legal Assistant to Gerald Glanzman	No. of Pages Including Cover Sheet: 10
<b>Message:</b>  Enclosed herewith: <ul style="list-style-type: none"><li>• Transmittal Document;</li><li>• Recordation Form Cover Sheet (in duplicate);</li><li>• Assignments (3).</li></ul>	
Re: CA920050081US1	Serial No. 11/340,452
Date: Tuesday, April 18, 2006	
<b>Please contact us at (972) 385-8777 if you do not receive all pages indicated above or experience any difficulty in receiving this facsimile.</b>	<i>This Facsimile is intended only for the use of the addressee and, if the addressee is a client or their agent, contains privileged and confidential information. If you are not the intended recipient of this facsimile, you have received this facsimile inadvertently and in error. Any review, dissemination, distribution, or copying is strictly prohibited. If you received this facsimile in error, please notify us by telephone and return the facsimile to us immediately.</i>



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Elchenberger et al.**Serial No.: **11/340,452**Filed: **January 26, 2006****For: Method to Analyze and Reduce  
Byte Movement Operations in  
Vectorized Code****58904**PATENT TRADEMARK OFFICE  
CUSTOMER NUMBER§  
§  
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§  
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§Group Art Unit: **2183**Examiner: **Unknown**Attorney Docket No.: **CA920050081US1**Certificate of Transmission Under 37 C.F.R. § 1.8(a)

I hereby certify this correspondence is being transmitted via facsimile to the Assignment Division, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, facsimile number (571) 273-0140 on April 18, 2006.

By: 

Stephanie Fay

TRANSMITTAL DOCUMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

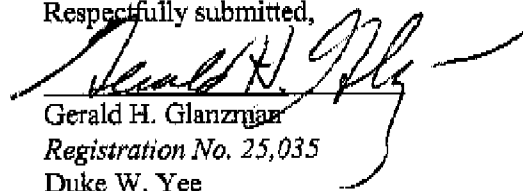
Sir:

ENCLOSED HEREWITH:

- Recordation Form Cover Sheet (in duplicate); and
- Assignments (3).

A fee of \$40.00 is believed to be required. Please charge the necessary fees to IBM Corporation Deposit Account No. 12-2158. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to IBM Corporation Deposit Account No. 12-2158.

Respectfully submitted,

  
Gerald H. Glanzman

Registration No. 25,035

Duke W. Yee

Registration No. 34,285

**YEE & ASSOCIATES, P.C.**

P.O. Box 802333

Dallas, Texas 75380

(972) 385-8777

ATTORNEYS FOR APPLICANTS

PATENT

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