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Pradip Bose Lee E. Eisen Balaram Sinharoy
A. Buyuktosunoglu Hung Q. Le Douglas R. Logan
Richard J. Eickemeyer Zhigang Hu
John B. Griswell Phillip G. Emma

Execution Date(s) 9/15/2005

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard Road

City: Armonk

State: NY

Country: _____ Zip: 10504

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

A. Patent Application No.(s) 11/228,781

This document is being filed together with a new application.

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Charles W. Peterson, Jr.

Law Office of Charles W. Peterson, Jr.

Internal Address: _____

Street Address: Suite 100

11703 Bowman Green Dr.

City: Reston

State: Virginia Zip: 20190

Phone Number: (703) 481-0532

Fax Number: (703) 481-0585

Email Address: bill@cwpeterson.com

6. Total number of applications and patents

Involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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9. Signature:

Signature

September 30, 2005

Date

Charles W. Peterson, Jr.

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

11

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10/11/2005 EC00PER 00000238 500510 11228781

01 FC:8021

(40.00 DA)

IBM Docket No: YOR920040167US2

Assignment

Whereas, I/WE

INVENTOR
AND CITY

Pradip Bose
County of Westchester

of Yorktown Heights
and State of NY

Alper Buyuktosunoglu
County of Westchester

of Putnam Valley
and State of NY

Richard J. Eickemeyer
County of Olmsted

of Rochester
and State of MN

Lee E. Eisen
County of Williamson

of Round Rock
and State of TX

Philip G. Emma
County of Fairfield

of Danbury
and State of CT

John B. Griswell
County of Williamson

of Austin
and State of TX

Zhigang Hu
County of Westchester

of Ossining
and State of NY

Hung Q. Le
County of Travis

of Austin
and State of TX

Douglas R. Logan
County of Travis

of Austin
and State of TX

Balaram Sinharoy
County of Dutchess

of Poughkeepsie,
and State of NY

have invented certain improvements in

TITLE

ADAPTIVE FETCH GATING IN MULTITHREADED PROCESSORS, FETCH CONTROL AND METHOD OF CONTROLLING FETCHES

and executed herewith, a United States patent application therefor;

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 inventions set forth in said applications 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 and sealed

CITY AND DATE at _____ on _____, 2005,

Pradip Bose
FIRST NAME MIDDLE INITIAL LAST NAME
SIGNATURE

Signed and sealed

CITY AND DATE at _____ on _____, 2005,

Alper Buyuktosunoglu
FIRST NAME MIDDLE INITIAL LAST NAME
SIGNATURE


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CITY AND DATE at _____ on _____, 2005,

Richard J. Eickemeyer
FIRST NAME MIDDLE INITIAL LAST NAME
SIGNATURE

Signed and sealed

CITY AND DATE at IBM Austin on September 15, 2005,



Lee E. Eisen
FIRST NAME MIDDLE INITIAL LAST NAME
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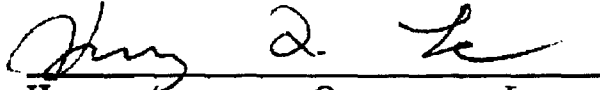
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CITY AND DATE at _____
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Zhiqiang Hu
FIRST NAME MIDDLE INITIAL LAST NAME

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Hung Q. Le
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SIGNATURE
Douglas R. Logan
FIRST NAME MIDDLE INITIAL LAST NAME

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SIGNATURE
Balaram Sinharoy
FIRST NAME MIDDLE INITIAL LAST NAME

IBM Docket No: YOR920040167US2

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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 inventions set forth in said applications 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 and sealed

CITY AND DATE at Yorktown Heights, NY on Sept 15, 2005,

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Balaram Sinharoy
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IBM Docket No: YOR920040167US2

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and State of TXPhilip G. Emma
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Pradip Bose
FIRST NAME MIDDLE INITIAL LAST NAME

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DATE on _____, 2005,

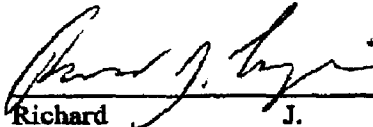
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CITY AND at Rochester, MN
DATE on Sept 15, 2005,

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FIRST NAME MIDDLE INITIAL LAST NAME



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