

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAVI K. ARIMILLI	01/31/2008
GHEORGHE C. CASCAVAL	01/31/2008
BALARAM SINHAROY	01/31/2008
WILLIAM E. SPEIGHT	01/31/2008
LIXIN ZHANG	01/31/2008

RECEIVING PARTY DATA

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12024163

CORRESPONDENCE DATA

Fax Number: (512)343-6446
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Email: meals@dillonyudell.com
Correspondent Name: Dillon & Yudell LLP
Address Line 1: 8911 N. Capital of Texas Hwy, Ste. 2110
Address Line 4: Austin, TEXAS 78759

ATTORNEY DOCKET NUMBER: AUS920070322US1

NAME OF SUBMITTER: BRIAN F. RUSSELL

Total Attachments: 4
source=AUS920070322US1Assignment#page1.tif

PATENT

REEL: 020481 FRAME: 0463

500459348

CH \$40.00 12024163

source=AUS920070322US1Assignment#page2.tif

source=AUS920070322US1Assignment#page3.tif

source=AUS920070322US1Assignment#page4.tif

ASSIGNMENT

Whereas, we,

- | | |
|---|--|
| (1) <u>RAVI K. ARIMILLI</u>
County of TRAVIS | of AUSTIN
and State of TEXAS |
| (2) <u>GHEORGHE C. CASCAVAL</u>
County of PUTNAM | of CARMEL
and State of NEW YORK |
| (3) <u>BALARAM SINHAROY</u>
County of DUTCHESS | of POUGHKEEPSIE
and State of NEW YORK |
| (4) <u>WILLIAM E. SPEIGHT</u>
County of TRAVIS | of AUSTIN
and State of TEXAS |
| (5) <u>LIXIN ZHANG</u>
County of TRAVIS | of AUSTIN
and State of TEXAS |

have invented certain improvements in

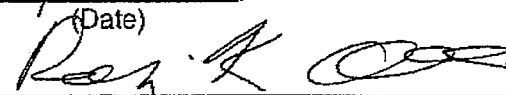
**DATA PROCESSING SYSTEM, PROCESSOR AND METHOD FOR VARYING A
DATA PREFETCH SIZE BASED UPON DATA USAGE**

and executed, respectively, a United States patent application therefore on

(Dates Inventors Signed Declaration) (1) 1/31, 2008; (2) _____, 2008;
(3) 1/31, 2008. (4) 1/31, 2008; (5) Jan 31, 2008.

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 in all 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, TX on 1/31, 2008.
(City) (Date)

RAVI K. ARIMILLI

(2) Signed at _____ on _____, 2008.
(City) (Date)

GHEORGHE C. CASCAVAL

(3) Signed at AUSTIN on 1/31/, 2008.
(City) (Date)

Balaram Sinharoy
BALARAM SINHARROY

(4) Signed at Austin on 1/31, 2008.
(City) (Date)

William E. Speight
WILLIAM E. SPEIGHT

(5) Signed at Austin on Jan 31, 2008.
(City) (Date)

Lixin Zhang
LIXIN ZHANG

AUS920070322US1

ASSIGNMENT

Whereas, we,

- | | |
|--|--|
| (1) <u>RAVI K. ARIMILLI</u>
County of TRAVIS | of AUSTIN
and State of TEXAS |
| (2) <u>GHEORGHE C. CASCAVAL</u>
County of PUTNAM | of CARMEL
and State of NEW YORK |
| (3) <u>BALARAM SINHARROY</u>
County of DUTCHESS | of POUGHKEEPSIE
and State of NEW YORK |
| (4) <u>WILLIAM E. SPEIGHT</u>
County of TRAVIS | of AUSTIN
and State of TEXAS |
| (5) <u>LIXIN ZHANG</u>
County of TRAVIS | of AUSTIN
and State of TEXAS |

have invented certain improvements in

**DATA PROCESSING SYSTEM, PROCESSOR AND METHOD FOR VARYING A
DATA PREFETCH SIZE BASED UPON DATA USAGE**

and executed, respectively, a United States patent application therefore on

(Dates Inventors Signed Declaration) (1) _____, 2008; (2) ku 31, 2008;
(3) _____, 2008. (4) _____, 2008; (5) _____, 2008.

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 in all 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 _____ on _____, 2008.
(City) (Date)

RAVI K. ARIMILLI

AUS920070322US1

(2) Signed at Yorktown Heights on Jan 31, 2008.
(City) (Date)

Cascaval C
GHEORGHE C. CASCAVAL

(3) Signed at _____ on _____, 2008.
(City) (Date)

BALARAM SINHARROY

(4) Signed at _____ on _____, 2008.
(City) (Date)

WILLIAM E. SPEIGHT

(5) Signed at _____ on _____, 2008.
(City) (Date)

LIXIN ZHANG