PATENT ASSIGNMENT

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James R. Giles	03/19/2008
Nagui Halim	03/19/2008
Kirsten W. Hildrum	03/20/2008
Daniel M. Kuchta	03/19/2008
Yoonho Park	03/20/2008
Deepak Rajan	03/20/2008
Laurent Schares	03/19/2008
Eugen Schenfeld	03/19/2008
Philippe L. Selo	03/19/2008
Marc Taubenblatt	03/19/2008
Rohit Wagle	03/19/2008
Joel L. Wolf	03/20/2008
Xiaolan J. Zhang	03/19/2008

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:	12052814

CORRESPONDENCE DATA

Fax Number: (860)286-0115

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 860-286-2929

12052814

CH $40.00

500493296

**PATENT
REEL: 020683 FRAME: 0531**

Email:	syopp@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP
Address Line 1:	20 Church Street
Address Line 2:	22nd Floor
Address Line 4:	Hartford, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	YOR920080068US1

NAME OF SUBMITTER:	Marisa J. Dubuc

Total Attachments: 6
source=YOR920080068US1_Assignment#page1.tif
source=YOR920080068US1_Assignment#page2.tif
source=YOR920080068US1_Assignment#page3.tif
source=YOR920080068US1_Assignment#page4.tif
source=YOR920080068US1_Assignment#page5.tif
source=YOR920080068US1_Assignment#page6.tif

ASSIGNMENT

IBM DOCKET: YOR920080068US1

Whereas, I/we

					County of		and State of		
(1)	James R. Giles	of	Yorktown Heights	County of	Westchester	and State of	NY	and
(2)	Nagui Halim	of	Yorktown Heights	County of	Westchester	and State of	NY	and
(3)	Kirsten W. Hildrum	of	Hawthorne	County of	Westchester	and State of	NY	and
(4)	Daniel M. Kuchta	of	Patterson	County of	Putnam	and State of	NY	and
(5)	Yoonho Park	of	Chappaqua	County of	Westchester	and State of	NY	and
(6)	Deepak Rajan	of	Fishkill	County of	Dutchess	and State of	NY	and
(7)	Laurent Schares	of	Sleepy Hollow	County of	Westchester	and State of	NY	and
(8)	Eugen Schenfeld	of	South Brunswick	County of	Middlesex	and State of	NJ	and
(9)	Philippe L. Selo	of	Tarrytown	County of	Westchester	and State of	NY	and
(10)	Marc Taubenblatt	of	Pleasantville	County of	Westchester	and State of	NY	and
(11)	Rohit Wagle	of	Elmsford	County of	Westchester	and State of	NY	and
(12)	Joel L. Wolf	of	Katonah	County of	Westchester	and State of	NY	and
(13)	Xiaolan J. Zhang	of	Champaign	County of	Champaign	and State of	IL	

have invented certain improvements in

METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING STREAM PROCESSING USING A RECONFIGURABLE OPTICAL SWITCH

(select one): **X** executed concurrently herewith or ☐ Serial No._____ Filed on_____

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, I/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 I/we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on said invention and I/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:

(1) at: _Sawers, NY_ :   on: _March 19_, 2008;   _____
                                                   James R. Giles

(2) at: _____ ;   on: _____, 2008;   _____
                                                   Nagui Halim

(3) at: _____ ;   on: _____, 2008;   _____
                                                   Kirsten W. Hildrum

(4) at: _____ ;   on: _____, 2008;   _____
                                                   Daniel M. Kuchta

(5) at: _____ ;   on: _____, 2008;   _____
                                                   Yoonho Park

(6) at: _____;   on: _____, 2008;

                 Deepak Rajan

(7) at: _____;   on: _____, 2008;

                 Laurent Schares

(8) at: _____;   on: _____, 2008;

                 Eugen Schenfeld

(9) at: _____;   on: _____, 2008;

                 Philippe L. Selo

(10) at: _____;   on: _____, 2008;

                 Marc Taubenblatt

(11) at: _____;   on: _____, 2008;

                 Rohit Wagle

(12) at: _____;   on: _____, 2008;

                 Joel L. Wolf

(13) at: _____;   on: _____, 2008;

                 Xiaolan J. Zhang

ASSIGNMENT

IBM DOCKET: YOR920080068US1

Whereas, I/we

(1)	James R. Giles	of	Yorktown Heights	County of	Westchester	and State of	NY	and
(2)	Nagui Halim	of	Yorktown Heights	County of	Westchester	and State of	NY	and
(3)	Kirsten W. Hildrum	of	Hawthorne	County of	Westchester	and State of	NY	and
(4)	Daniel M. Kuchta	of	Patterson	County of	Putnam	and State of	NY	and
(5)	Yoonho Park	of	Chappaqua	County of	Westchester	and State of	NY	and
(6)	Deepak Rajan	of	Fishkill	County of	Dutchess	and State of	NY	and
(7)	Laurent Schares	of	Sleepy Hollow	County of	Westchester	and State of	NY	and
(8)	Eugen Schenfeld	of	South Brunswick	County of	Middlesex	and State of	NJ	and
(9)	Philippe L. Selo	of	Tarrytown	County of	Westchester	and State of	NY	and
(10)	Marc Taubenblatt	of	Pleasantville	County of	Westchester	and State of	NY	and
(11)	Rohit Wagle	of	Elmsford	County of	Westchester	and State of	NY	and
(12)	Joel L. Wolf	of	Katonah	County of	Westchester	and State of	NY	and
(13)	Xiaolan J. Zhang	of	Champaign	County of	Champaign	and State of	IL	

have invented certain improvements in

METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING STREAM PROCESSING USING A RECONFIGURABLE OPTICAL SWITCH
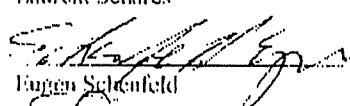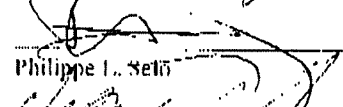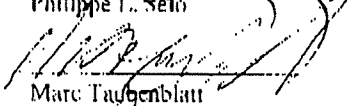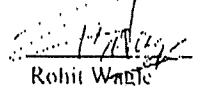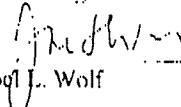
(select one): __X__ executed concurrently herewith or ☐ Serial No._____ . Filed on_____ .

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, I/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 I/we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on said invention and I/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:

(1) at: _____ :   on: _____ _____, 2008;

                                                      James R. Giles

(2) at: Hawthorne, NY ;   on: 3/19/2008 _____, 2008:
                                                    Nagui Halim

(3) at: Hawthorne, NY ;   on: 3/20/2008 _____, 2008;
                                                    Kirsten W. Hildrum

(4) at: Yorktown Heights, NY ;   on: 3/18/08 _____, 2008:
                                                    Daniel M. Kuchta

(5) at: Hawthorne, NY ;   on: 3/20/08 _____, 2008;
                                                    Yoonho Park

Page 1 of 1

(6) at: _Hawthorne, NY_ ; on: _March 20_ , 2008;

Deepak Rajan

(7) at: _Yorktown Heights NY_ ; on: _March 19 2008_, 2008;

Laurent Schares

(8) at: _Yorktown Heights NY_ ; on: _MAR. 19, 2008_, 2008;

Eugen Schenfeld

(9) at: _Hawthorne, NY_ ; on: _Mar 19, 2008_, 2008;

Philippe L. Selö

(10) at: _Yorktown Heights, NY_ ; on: _March 19, 2008_, 2008;

Marc Taubenblatt

(11) at: _Hawthorne NY_ ; on: _March 19, 2008_ 2008;

Rohit Wagle

(12) at: _HAWTHORNE, NY_ ; on: _MARCH 19, 2008_, 2008;

Joel L. Wolf

(13) at: _____ ; on: _____ , 2008;

Xiaolan J. Zhang

ASSIGNMENT

IBM DOCKET: YOR920080068US1

Whereas, I/we

(1)	James R. Giles	of	Yorktown Heights	County of	Westchester	and State of	NY	and
(2)	Nagui Halim	of	Yorktown Heights	County of	Westchester	and State of	NY	and
(3)	Kirsten W. Hildrum	of	Hawthorne	County of	Westchester	and State of	NY	and
(4)	Daniel M. Kuchta	of	Patterson	County of	Putnam	and State of	NY	and
(5)	Yoonho Park	of	Chappaqua	County of	Westchester	and State of	NY	and
(6)	Deepak Rajan	of	Fishkill	County of	Dutchess	and State of	NY	and
(7)	Laurent Schares	of	Sleepy Hollow	County of	Westchester	and State of	NY	and
(8)	Eugen Schenfeld	of	South Brunswick	County of	Middlesex	and State of	NJ	and
(9)	Philippe L. Selo	of	Tarrytown	County of	Westchester	and State of	NY	and
(10)	Marc Taubenblatt	of	Pleasantville	County of	Westchester	and State of	NY	and
(11)	Rohit Wagle	of	Elmsford	County of	Westchester	and State of	NY	and
(12)	Joel L. Wolf	of	Katonah	County of	Westchester	and State of	NY	and
(13)	Xiaolan J. Zhang	of	Champaign	County of	Champaign	and State of	IL	

have invented certain improvements in

METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING STREAM PROCESSING USING A RECONFIGURABLE OPTICAL SWITCH
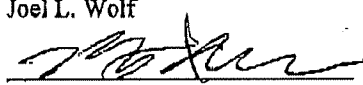
(select one): **X** executed concurrently herewith **or** ☐ Serial No._____ Filed on_____

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, I/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 I/we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on said invention and I/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:

(1) at: _____; on: _____, 2008; _____
James R. Giles

(2) at: _____; on: _____, 2008; _____
Nagui Halim

(3) at: _____; on: _____, 2008; _____
Kirsten W. Hildrum

(4) at: _____; on: _____, 2008; _____
Daniel M. Kuchta

(5) at: _____; on: _____, 2008; _____
Yoonho Park

Page 1 of 1

(6) at: _____ ;   on: _____, 2008;   _____
Deepak Rajan

(7) at: _____ ;   on: _____, 2008;   _____
Laurent Schares

(8) at: _____ ;   on: _____, 2008;   _____
Eugen Schenfeld

(9) at: _____ ;   on: _____, 2008;   _____
Philippe L. Selo

(10) at: _____ ;   on: _____, 2008;   _____
Marc Taubenblatt

(11) at: _____ ;   on: _____, 2008;   _____
Rohit Wagle

(12) at: _____ ;   on: _____, 2008;   _____
Joel L. Wolf

(13) at: *Champaign, IL* ;   on: *3/19*, 2008;   _____
Xiaolan J. Zhang