PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chung-Lung Kevin Shum	02/12/2008
Brian D. Barrick	02/12/2008
Aaron Tsai	02/12/2008
Charles F. Webb	02/12/2008

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:	12030627

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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

Phone: 860-286-2929
Email: MCANTOR@CANTORCOLBURN.COM
Correspondent Name: CANTOR COLBURN LLP-IBM POUGHKEEPSIE
Address Line 1: 20 Church Street
Address Line 2: 22nd Floor
Address Line 4: Hartford, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	POU920070381US1

NAME OF SUBMITTER:	Anne Davis Barry

Total Attachments: 3

500463338

12030627

CH $40.00

PATENT
REEL: 020504 FRAME: 0492

source=POU920070381US1_ExecutedAssignment#page1.tif
source=POU920070381US1_ExecutedAssignment#page2.tif
source=POU920070381US1_ExecutedAssignment#page3.tif

ASSIGNMENT   Docket No. POU920070381US1

INVENTOR
AND CITY

Whereas, we

(1) Chung-Lung Kevin Shum
County of Dutchess
(2) Brian D. Barrick
County of Travis
(3) Aaron Tsai
County of Dutchess
(4) Charles F. Webb
County of Dutchess

of Wappingers Falls,
and State of New York,
of Pflugerville,
and State of Texas,
of Poughkeepsie,
and State of New York,
of Wappingers Falls,
and State of New York,

have invented certain improvements in

SYSTEM AND METHOD FOR AVOIDING DEADLOCKS WHEN PERFORMING STORAGE UPDATES IN A MULTI-PROCESSOR ENVIRONMENT

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) __Feb 12__, 2008, (2) _____, 2008,
(3) _____, 2008, (4) __Febuary 12__, 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 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 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 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.
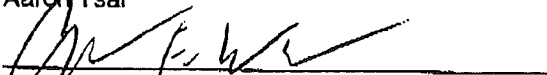
Signed and sealed

_____   on __Feb 12__, 2008
Chung-Lung Kevin Shum

_____   on _____, 2008
Brian D. Barrick

_____   on _____, 2008
Aaron Tsai

_____   on __Febury 12__, 2008
Charles F. Webb

<u>**ASSIGNMENT**</u>   Docket No. POU920070381US1

Whereas, we

INVENTOR AND CITY		
(1) Chung-Lung Kevin Shum County of Dutchess		of Wappingers Falls, and State of New York,
(2) Brian D. Barrick County of Travis		of Pflugerville, and State of Texas,
(3) Aaron Tsai County of Dutchess		of Poughkeepsie, and State of New York,
(4) Charles F. Webb County of Dutchess		of Wappingers Falls, and State of New York,

have invented certain improvements in

SYSTEM AND METHOD FOR AVOIDING DEADLOCKS WHEN PERFORMING STORAGE UPDATES IN A MULTI-PROCESSOR ENVIRONMENT

DATES THAT INVENTORS SIGNED THE DECLARATION

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

(1) _____, 2008, (2) _2/12/_____, 2008,
(3) _____, 2008, (4) _____, 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 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 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 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 and sealed

_____   on _____, 2008
Chung-Lung Kevin Shum

_____   on _2/12_____, 2008
Brian D. Barrick

_____   on _____, 2008
Aaron Tsai

_____   on _____, 2008
Charles F. Webb

<div align="center">

ASSIGNMENT
</div>

<div align="right">

Docket No. POU920070381US1
</div>

INVENTOR AND CITY

Whereas, we

(1) Chung-Lung Kevin Shum
County of Dutchess
(2) Brian D. Barrick
County of Travis
(3) Aaron Tsai
County of Dutchess
(4) Charles F. Webb
County of Dutchess

of Wappingers Falls,
and State of New York,
of Pflugerville,
and State of Texas,
of Poughkeepsie,
and State of New York,
of Wappingers Falls,
and State of New York,

have invented certain improvements in

<div align="center">

SYSTEM AND METHOD FOR AVOIDING DEADLOCKS WHEN PERFORMING STORAGE UPDATES IN A MULTI-PROCESSOR ENVIRONMENT
</div>

DATES THAT INVENTORS SIGNED THE DECLARATION

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

(1) _____, 2008, (2) _____, 2008,
(3) _February 12__, 2008, (4) _____, 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 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 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 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 and sealed

_____
Chung-Lung Kevin Shum

on _____, 2008

_____
Brian D. Barrick

on _____, 2008

_____
Aaron Tsai

on _February 12__, 2008

_____
Charles F Webb

on _____, 2008