PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Name of the assignee to International Business Machines Corporation previously recorded on Reel 020544 Frame 0863. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Deanna P. Dunn	02/20/2008
Garrett M. Drapala	02/20/2008
Michael F. Fee	02/20/2008
Pak-kin Mak	02/20/2008
Craig R. Walters	02/20/2008

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:	12035249

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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

Phone: 8602862929

Email: nroach@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: POU920070292US1

PATENT

REEL: 024298 FRAME: 0664

\$40.00 12035249

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NAME OF SUBMITTER:	Anne Davis Barry
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PATENT REEL: 024298 FRAME: 0665 Feb-25-2008 07:11 PM USPTO 4/5 2/25/2008 6:05:19 PM

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:: CANTOR COLBURN, LLP COMPANY: 20 CHURCH STREET

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Electronic Version v1.1 Stylesheet Version v1.1 02/21/2008 500469780

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Deanna P. Dunn	02/20/2008
Garrett M. Drapala	02/20/2008
Michael F. Fee	02/20/2008
Pak-kin Mak	02/20/2008
Craig R. Walters	02/20/2008

RECEIVING PARTY DATA

Name:	International Buniess 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:	12035249

CORRESPONDENCE DATA

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404-607-9991

Correspondent Name:

relias@cantorcolburn.com Cantor Colburn, LLP

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20 Church Street

Address Line 2:

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Address Line 4:

Hartford, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER: POU920070292US1

NAME OF SUBMITTER: Charles E. Thorpe USPTO 5/5 USPTO 2/25/2008 6:05:19 PM PAGE 5/005 Fax Server

F: CANTOR COLBURN, LLP COMPANY: 20 CHURCH STREET

Total Attachments: 1

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PATENT

REEL: 024298 FRAME: 0667

<u>ASSIGNMENT</u>

Docket No. POU920070292US1

Whereas, we

- (1) Deanna P. Dunn, of Poughkeepsie, County of Dutchess and State of New York 12538
- (2) Garrett M. Drapala, of Poughkeepsie, County of Dutchess and State of New York 12603
- (3) Michael F. Fee, of Cold Spring, County of Putnam and State of New York 10516
- (4) Pak-kin Mak, of Poughkeepsie, County of Dutchess and State of New York 12603
- (5) Craig R. Walters of Highland, County of Ulster and State of New York 12528 have invented certain improvements in

METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR PIPELINE ARBITRATION

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

(1)	02/	20	2008,	(2)	2/	20	2008
(3)	G2/2	O	2008,	(4)	=27	50	2008
(5)	32/2	0	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		
Llanna P Dun	on $02/20$, 200	าค
Deanna P. Dunn)	
Just M. Dal	on $\frac{2}{20}$, 200	30
Garrett M/Drapata	ę.	
which for	on $2/20$, 200)8
Michael F\ Fee	,	
Pale la Mele	on $\frac{2/20}{}$, 200	8(
Pak-kin Mak		
Crang O/2 Ostallers	on $02/20$, 200	80
Craig R/ Walters	,	

PATENT REEL: 024298 FRAME: 0668

RECORDED: 04/28/2010