EPAS ID: PAT2916714

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the THIRD ASSIGNOR'S NAME previously recorded on Reel 026911 Frame 0711. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date	
MINGMING CAO	09/12/2011	
BEN CHOCIEJ	08/03/2011	
CONOR R SCOTT	09/13/2011	
STEVEN M FRENCH	08/12/2011	
MATTHEW R LUPFER	08/05/2011	
STEVEN L PRATT	08/16/2011	

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:	13233266	

CORRESPONDENCE DATA

Fax Number: (972)385-7766

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (972)385-8777

Email: ptonotifs@yeeiplaw.com

Correspondent Name: DUKE W. YEE

Address Line 1: YEE & ASSOCIATES, P.C.

Address Line 2: P.O. BOX 802333

Address Line 4: DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER: AUS920110171US1

NAME OF SUBMITTER: BRANDON G. WILLIAMS

SIGNATURE: /Brandon G. Williams/

DATE SIGNED: 06/27/2014

PATENT

502870117 REEL: 033246 FRAME: 0253



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO.

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

	SUBMISSION TYPE:	NEW ASSIGNMENT
minimi	NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mingming Cao	09/12/2011
Ben Chociej	08/03/2011
Scott R Conor	09/13/2011
Steven M French	08/12/2011
Matthew R Lupfer	08/05/2011
Steven L Pratt	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	-
Application Number:	13233266	-

CORRESPONDENCE DATA

 Fax Number:
 (619)704-8274

 Phone:
 6193791172

 Email:
 jej@jobepatents.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Jonathan Jobe

Address Line 1: 1683 MOUNT AIN PASS CIRCLE
Address Line 4: Vista, CALIFORNIA 92081

ATTORNEY DOCKET NUMBER:	AUS920110171US1
NAME OF SUBMITTER:	Jonathan E. Jobe
Signature:	/Jonathan E. Jobe/
Date:	09/15/2011

Total Attachments: 18

source=AUS920110171US1 SignedAssignment#page1.tif source=AUS920110171US1 SignedAssignment#page2.tif source=AUS920110171US1_SignedAssignment#page3.tif source=AUS920110171US1 SignedAssignment#page4.tif source=AUS920110171US1_SignedAssignment#page5.tif source=AUS920110171US1_SignedAssignment#page6.tif source=AUS920110171US1 SignedAssignment#page7.tif source=AUS920110171US1_SignedAssignment#page8.tif source=AUS920110171US1_SignedAssignment#page9.tif source=AUS920110171US1_SignedAssignment#page10.tif source=AUS920110171US1_SignedAssignment#page11.tif source=AUS920110171US1_SignedAssignment#page12.tif source=AUS920110171US1 SignedAssignment#page13.tif source=AUS920110171US1_SignedAssignment#page14.tif source=AUS920110171US1 SignedAssignment#page15.tif source=AUS920110171US1 SignedAssignment#page16.tif source=AUS920110171US1 SignedAssignment#page17.tif source=AUS920110171US1 SignedAssignment#page18.tif

RECEIPT INFORMATION

EPAS ID: PAT 1689580 **Receipt Date:** 09/15/2011 **Fee Amount:** \$40

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ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: HYBRID DATA STORAGE MANAGEMENT TAKING INTO ACCOUNT INPUT/OUTPUT (I/O) PRIORITY

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently hetewith or was filed having:

Application No.: 13/233266 (insert series code /serial number here if/when available)

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Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

[Inventor Signature Page(s) Follows]

Page 1 of 3

Assignment Form.Rev2 (Updated 08/07/2009)

PATENT

REEL: 033246 FRAME: 0257

	IBM DOCKET NUMBER: AUS920110171US1
	Executed by Inventor 1
Signature:	10 35 Date: 09-12-2011 Mingming Cao
	Executed by Inventor 2
Signature:	Ben Choclej
**************************************	Executed by Inventor 3
Signature:	Scott R. Conor
	Executed by Inventor 4

Page 2 of 3

Assignment Form, Rev2 (Updated 08/07/2009)

Steven M. French

Signature:

	Zir.	IBM DOCKET NUMBER: AT	JS9201101711JS1
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Signature;	Matthew R. Lupfer	Date:	
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Signature:		Date:	
	Steven L. Pratt		000 000 000 000 000 000 000 000 000 00

Page 3 of 3

REEL: 033246 FRAME: 0259

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: HYBRID DATA STORAGE MANAGEMENT TAKING INTO ACCOUNT INPUT/OUTPUT (I/O) PRIORITY

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

13/233266	,					est to a 3
Application No.:	(insert series cod	e/scrial :	number l	aere	if/when	available)

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[Inventor Signature Page(s) Follows]

Page 1 of 3

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	Executed by Inventor 2
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Scott R. Conor	
	Executed by Inventor 4
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	Executed by Inventor 5
Signature:	D3te:
Matthew R. Lupfer	
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	Executed by Inventor 6
Signature:	Date:
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ASSIGNMENT

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Title of the Invention: HYBRID DATA STORAGE MANAGEMENT TAKING INTO ACCOUNT INPUT/OUTPUT (I/O) PRIORITY

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13/-	233266					
Application No.:		(insert series	code/serial	number	here if/whe	n available)

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[Inventor Signature Page(s) Follows]

Page 1 of 3

Assignment Form.Rev2 (Updated 08/07/2009)

	Executed by Inventor I	
Signature:	Mingming Cao Date:	
The state of the s	Executed by Inventor 2	
Signature:	Ben Charlej	•
Marie Carrier Control of the Control	Executed by Inventor 3	
Signature:	Scott R. Conor Date: 9//3/2011	
Manufacture representation of the second	Executed by Inventor 4	oggangogo ero riddi.
Signature:	Steven M. Frenck	

Page 2 of 3

Assignment Form. Rev2 (Updated 08/07/2009)

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Signature:	Matthew R. Lupfer	Date:	denominary .
o de la companya de l	Exec	cuted by Inventor 6	Micromorphish (Micromorphish Company)
Signature:	Steven L. Pratt	Date:	·

Page 3 of 3

ASSIGNMENT

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[Inventor Signature Page(s) Follows]

Page 1 of 3

Signature: Date:	
Mingming Cao	
Executed by Inventor 2	******
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Signature: Date:	
Executed by Inventor 3	•
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Signature: Date:	
Scou R. Conor	
Executed by Inventor 4	non marines
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Signature: Steven N. French Date: 8/17///	

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Signature:	Steven L. Pratt	Date:
	*** * * * * * * * * * * * * * * * * *	

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[Inventor Signature Page(s) Follows]

Page 1 of 3

		Executed by Inventor 1	
Signature:			
	Mingming Cao		n de la companya del la companya de
and the second s		Executed by Inventor 2	
Signature:	Ben Choclej	Dite	
	Ben Chocle		
****		Executed by Inventor 3	
Signature:		Date:	
	Scott R. Conor		
		Executed by Inventor 4	
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		seculed by Inventor 5		
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	Steven L. Prati			

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[Inventor Signature Page(s) Follows]

Page Lof3

Assignment Form Rev2 (Updated 08/07/2009)

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Signature:	Steven M. French	Date:

Page 2 of 3

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Signature:	Matthew R. Lupfer	Date:	
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Page 3 of 3

Steven L. Praft