

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3694595

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY DATA previously recorded on Reel 037332 Frame 0819. Assignor(s) hereby confirms the RECEIVING PARTY AS DATA DOMAIN, INC.
CONVEYING PARTY DATA	
Name	Execution Date
PRATAP SINGH	09/01/2009
HUA ZHONG	09/15/2009
RECEIVING PARTY DATA	
Name:	DATA DOMAIN, INC.
Street Address:	2421 MISSION COLLEGE BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14819333
CORRESPONDENCE DATA	
Fax Number:	(408)973-2595
<i>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.</i>	
Phone:	4089732585
Email:	cwatkins@ip-patent.com
Correspondent Name:	VAN PELT, YI & JAMES LLP
Address Line 1:	10050 N. FOOTHILL BLVD., STE 200
Address Line 4:	CUPERTINO, CALIFORNIA 95014
ATTORNEY DOCKET NUMBER:	DDOMP038C1
NAME OF SUBMITTER:	WILLIAM J. JAMES
SIGNATURE:	/william j. james/
DATE SIGNED:	01/13/2016
Total Attachments: 3	
source=DDOMP038C1 Cover Sheet and Assignment#page1.tif	
source=DDOMP038C1 Cover Sheet and Assignment#page2.tif	
source=DDOMP038C1 Cover Sheet and Assignment#page3.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3666145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PRATAP SINGH	09/01/2009
HUA ZHONG	09/15/2009
RECEIVING PARTY DATA	
Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14819333
CORRESPONDENCE DATA	
Fax Number:	(408)973-2595
<i>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.</i>	
Phone:	4089732585
Email:	enguyen@ip-patent.com
Correspondent Name:	VAN PELT, YI & JAMES LLP AND EMC CORPORA
Address Line 1:	10050 N. FOOTHILL BLVD.
Address Line 2:	SUITE 200
Address Line 4:	CUPERTINO, CALIFORNIA 95014
ATTORNEY DOCKET NUMBER:	DDOMP038C1
NAME OF SUBMITTER:	WILLIAM J. JAMES
SIGNATURE:	/william j. james/
DATE SIGNED:	12/18/2015
Total Attachments: 2	
source=DDOMP038C1 Executed Assignment#page1.tif	
source=DDOMP038C1 Executed Assignment#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:


ASYNCHRONOUS MULTI-NODE FILESYSTEM COORDINATED REPLICATION

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on July 21, 2009, and which bears the Application No. 12/460,677, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Data Domain, Inc., a Delaware corporation having a place of business at 2421 Mission College Blvd., Santa Clara, CA 95054, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 09/01/2009
Typed Name: Pratap Singh
- 2) Signature: _____ Date: _____
Typed Name: Hua Zhong

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

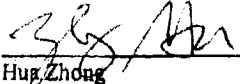
ASYNCHRONOUS MULTI-NODE FILESYSTEM COORDINATED REPLICATION

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on July 21, 2009, and which bears the Application No. 12/460,677, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Data Domain, Inc., a Delaware corporation having a place of business at 2421 Mission College Blvd., Santa Clara, CA 95054, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|--|------------------|
| 1) | Signature: _____ | Date: _____ |
| | Typed Name: Pratap Singh | |
| 2) | Signature:  _____ | Date: 09/15/2009 |
| | Typed Name: Hug Zhong | |

Atty Dkt. No. DDOMP038