

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3222939

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE FROM EMC CORPORATION TO DATA DOMAIN, INC. previously recorded on Reel 034098 Frame 0574. Assignor(s) hereby confirms the CORRECT ASSIGNEE SHOULD BE DATA DOMAIN, INC.

**CONVEYING PARTY DATA**

Name	Execution Date
MARK HUANG	02/10/2009
PHILIP SHILANE	02/10/2009
GRANT WALLACE	02/10/2009
MING BENJAMIN ZHU	02/11/2009

**RECEIVING PARTY DATA**

<b>Name:</b>	DATA DOMAIN, INC.
<b>Street Address:</b>	2421 MISSION COLLEGE BLVD.
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14466745

**CORRESPONDENCE DATA**

**Fax Number:** (408)973-2595  
*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:** 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

<b>ATTORNEY DOCKET NUMBER:</b>	DDOMP030C1
<b>NAME OF SUBMITTER:</b>	TERRENCE L. WONG
<b>SIGNATURE:</b>	/Terrence L. Wong/
<b>DATE SIGNED:</b>	02/11/2015

**Total Attachments: 3**

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**PATENT ASSIGNMENT COVER SHEET**

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 Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MARK HUANG	02/10/2009
PHILIP SHILANE	02/10/2009
GRANT WALLACE	02/10/2009
MING BENJAMIN ZHU	02/11/2009

**RECEIVING PARTY DATA**

<b>Name:</b>	EMC CORPORATION
<b>Street Address:</b>	176 SOUTH STREET
<b>City:</b>	HOPKINTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14466745

**CORRESPONDENCE DATA**

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**Address Line 2:** SUITE 200  
**Address Line 4:** CUPERTINO, CALIFORNIA 95014

<b>ATTORNEY DOCKET NUMBER:</b>	DDOMP030C1
<b>NAME OF SUBMITTER:</b>	TERRENCE L. WONG

<b>Signature:</b>	/Terrence L. Wong/
<b>Date:</b>	11/04/2014
<b>Total Attachments: 1</b> source=DDOMP030C1 Executed Assignment#page1.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT3093519
<b>Receipt Date:</b>	11/04/2014

## 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:

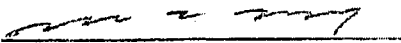


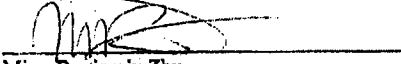
### DATA REPLICATION WITH DELTA COMPRESSION

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 November 14, 2008, and which bears the Application No. 12/291,997, 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: <u></u> | Date: <u>2/10/09</u> |
|    | Typed Name: Mark Huang  |                      |
| 2) | Signature: <u></u> | Date: <u>2/10/09</u> |
|    | Typed Name: Philip Shillane   |                      |
| 3) | Signature: <u></u> | Date: <u>2/10/09</u> |
|    | Typed Name: Grant Wallace   |                      |
| 4) | Signature: <u></u> | Date: <u>2/10/09</u> |
|    | Typed Name: Ming Benjamin Zhu   |                      |

Atty Dkt. No. DDOMP030