

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2728086

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOHN M. BENT</td> <td>02/13/2014</td> </tr> <tr> <td>SORIN FAIBISH</td> <td>01/21/2014</td> </tr> <tr> <td>UDAY GUPTA</td> <td>01/17/2014</td> </tr> <tr> <td>PERCY TZELNIC</td> <td>01/17/2014</td> </tr> </tbody> </table>		Name	Execution Date	JOHN M. BENT	02/13/2014	SORIN FAIBISH	01/21/2014	UDAY GUPTA	01/17/2014	PERCY TZELNIC	01/17/2014
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>EMC Corporation</td> </tr> <tr> <td>Street Address:</td> <td>176 South Street</td> </tr> <tr> <td>City:</td> <td>Hopkinton</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01748</td> </tr> </table>		Name:	EMC Corporation	Street Address:	176 South Street	City:	Hopkinton	State/Country:	MASSACHUSETTS	Postal Code:	01748
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14143694</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14143694						
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p>Phone: 203-255-6560</p> <p>Email: bab@rml-law.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: KEVIN M. MASON</p> <p>Address Line 1: 1300 POST ROAD</p> <p>Address Line 2: RYAN, MASON & LEWIS, LLP</p> <p>Address Line 4: FAIRFIELD, CONNECTICUT 06824</p>											
ATTORNEY DOCKET NUMBER:	EMC-13-0724										
NAME OF SUBMITTER:	KEVIN M. MASON										

Signature:	/Kevin M. Mason/
Date:	02/14/2014
Total Attachments: 7 source=414-340_Assignment#page1.tif source=414-340_Assignment#page2.tif source=414-340_Assignment#page3.tif source=414-340_Assignment#page4.tif source=414-340_Assignment#page5.tif source=414-340_Assignment#page6.tif source=414-340_Assignment#page7.tif	

RECORDATION FORM COVER SHEET **PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**John M. Bent, Sorin Faibish, Uday Gupta and
Percy Tzelnic**

**Additional name(s) of conveying party(ies)
attached?**

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

**Execution Date: 2/13/2014, 1/21/2014, 1/17/2014,
1/17/2014**

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address:

Street Address: 176 South Street

City: Hopkinton State: MA ZIP: 01748

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 14/143,694 Filed December 30, 2013 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom
correspondence concerning document should be
mailed:**

Name: Kevin M. Mason
Internal Address: Ryan, Mason & Lewis, LLP
Street Address: 1300 Post Road, Suite 205
City: Fairfield State: CT ZIP: 06824

**6. Total number of applications and patents
involved: 1****7. Total Fee (37 CFR 3.41)..... \$ 40.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number 50-0762

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin M. Mason

Reg. No. 36,597



Signature

February 14, 2014

Date

Total number of pages including cover sheet, attachments, and document: 7

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Washington, DC 20231

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EMC-13-0724

PATENT
REEL: 032221 FRAME: 0495

ASSIGNMENT

WHEREAS, we, John M. Bent, Sorin Faibish, Uday Gupta and Percy Tzelnic, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **DATA MIGRATION USING PARALLEL LOG-STRUCTURED FILE SYSTEM MIDDLEWARE TO OVERCOME ARCHIVE FILE SYSTEM LIMITATIONS**, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on December 30, 2013 as U.S. Application No. 14/143,694;
- ☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including

the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date:

2 / 13 / 14

John M. Bent

Inventor's Signature

Print full name of first inventor:

John M. Bent

Residence:

Los Alamos, New Mexico

Citizenship:

United States of America

Mailing Address:

1902 Camino Durasnilla

Los Alamos, New Mexico 87544

STATE/Commonwealth of

New Mexico

COUNTY OF

Los Alamos

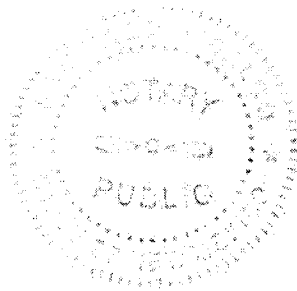
On this 13 day of February, 2014, then personally appeared before me the above-named John M. Bent known to me through satisfactory evidence of identification ☐ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Santiago Hidalgo

Notary Public

Print Name: Santiago Hidalgo

My Commission expires 7 / 20 / 2015



Date: 01/21/2014

Faibish
Inventor's Signature

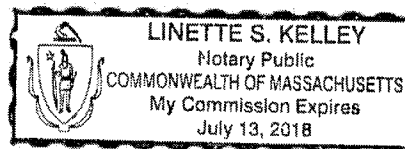
Print full name of second inventor: Sorin Faibish
Residence: Newton, Massachusetts
Citizenship: United States of America
Mailing Address: 11 Selwyn Road
Newton, Massachusetts 02461

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 21st day of January, 2014, then personally appeared before me the
above-named Sorin Faibish known to me through satisfactory evidence of identification ☐
employee identification card; ☒ driver's license; ☐ (other) _____
to be the person whose name is subscribed to the foregoing Assignment and acknowledged that
he/she executed the same as his/her free act and deed for the purposes therein contained.

Linette S. Kelley
Notary Public

Print Name: Linette S. Kelley
My Commission expires 07/13/2018




Date: Jan-17-2014


Inventor's Signature

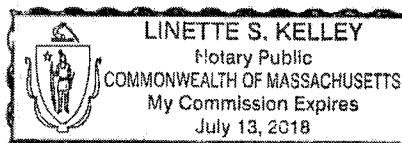
Print full name of third inventor: Uday Gupta
Residence: Westford, Massachusetts
Citizenship: India
Mailing Address: 5 Indigo Lane
Westford, Massachusetts 01886

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 17th day of January, 2014, then personally appeared before me the above-named Uday Gupta known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

Print Name: Linette S. Kelley
My Commission expires 07/13/2018



Date:

Jan 17, 2014



Inventor's Signature

Print full name of third inventor:

Percy Tzelnic

Residence:

Concord, Massachusetts

Citizenship:

United States of America

Mailing Address:

156 Upland Road

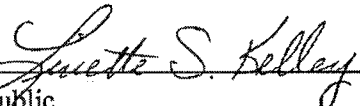
Concord, Massachusetts 01742

STATE/Commonwealth of

COUNTY OF

Massachusetts
Middlesex

On this 17th day of January, 2014, then personally appeared before me the above-named Percy Tzelnic known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Notary Public

Print Name: Linette S. Kelley

My Commission expires 07/13/2018

