

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2679453

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>DAVE ZERYCK</td><td>01/13/2014</td></tr><tr><td>VITALY KOZLOVSKY</td><td>01/13/2014</td></tr></tbody></table>		Name	Execution Date	DAVE ZERYCK	01/13/2014	VITALY KOZLOVSKY	01/13/2014				
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VITALY KOZLOVSKY	01/13/2014										
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											
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CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	COLMAN X. FLAHERTY										
Signature:	/Colman X. Flaherty/										
Date:	01/13/2014										

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, Dave Zeryck and Vitaly Kozlovsky 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 TIERED-STORAGE DESIGN (Application), 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 20, 2013 as U.S. Application No. 14/137,788;

☐ 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;

AND, we hereby authorize our attorneys, EMC Corporation, to insert the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: 1/13/2014

Dave Zeryck
Inventor's Signature

Print full name of inventor: Dave Zeryck

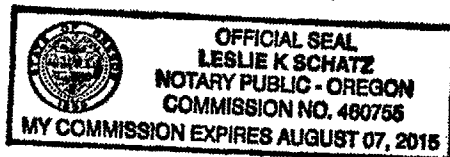
Residence: Portland, OR

Citizenship: United States

Mailing Address: 554 NE Hazelfern Pl.
Portland, OR 97232

STATE/Commonwealth of Oregon
COUNTY OF Clatsop

On this 13th day of January, 2014, then personally appeared before me the above-named **Dave Zeryck** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☒ (other) Dave Zeryck 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.

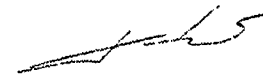


Leslie K. Schatz
Notary Public

Print Name: LESLIE K. SCHATZ

My Commission expires 08/07/2015

Date: 13 JANUARY 2014



Inventor's Signature

Print full name of inventor

Vitaly Kozlovsky

Residence

St. Petersburg, Russia

Citizenship

Russian Federation

Mailing Address

Butlerova 32-206

St. Petersburg, Russia 195220

I, Yuri Zagrebin (name of first witness), whose residential address is
Russia, Saint-Petersburg, Korables troiteley 56, 239
was personally present and did see Vitaly Kozlovsky (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Zagrebin (signature of first witness)
Signed at Saint-Petersburg (location of witness signature)
on this day, 13 jan, 2014 (date of signature).

I, Alexander Shadrin (name of second witness), whose residential address is
Russia 198205 St. Petersburg Velevarov 115-130
was personally present and did see Vitaly Kozlovsky (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Shadrin (signature of second witness)
Signed at St Petersburg (location of witness signature)
on this day, 13 jan, 2014 (date of signature).