

PATENT ASSIGNMENT

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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>Min-Chih Lu Earl</td> <td>10/19/2012</td> </tr> <tr> <td>Brian Bishop</td> <td>10/22/2012</td> </tr> <tr> <td>Jerzy Gruszka</td> <td>10/19/2012</td> </tr> <tr> <td>Matthew D. Buchman</td> <td>10/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Min-Chih Lu Earl	10/19/2012	Brian Bishop	10/22/2012	Jerzy Gruszka	10/19/2012	Matthew D. Buchman	10/19/2012
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<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											
<p>Fax Number: 4089732595 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-973-2585 Email: egalvan@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</p>											
ATTORNEY DOCKET NUMBER:	EMCCP280										
NAME OF SUBMITTER:	Christopher C. Tan										
<p>Total Attachments: 5 source=EMCCP280 Executed Assignment#page1.tif source=EMCCP280 Executed Assignment#page2.tif source=EMCCP280 Executed Assignment#page3.tif source=EMCCP280 Executed Assignment#page4.tif source=EMCCP280 Executed Assignment#page5.tif</p>											

CH \$40.00 13631238

ASSIGNMENT

WHEREAS, we, Min-Chih Lu Earl, Brian Bishop, Jerzy Gruszka and Matthew D. Buchman 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 *VIRTUAL MACHINE PROXY SERVER FOR HYPER-V IMAGE BACKUP AND RECOVERY*, 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 September 28, 2012 as U.S. Application No. 13/631,238;

☐ 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:

10/19/2012

Min-Chih Lu Earl

Inventor's Signature

Print full name of first inventor:

Min-Chih Lu Earl

Residence:

Redmond, WA

Citizenship:

United States

Mailing Address:

176 South Street, Hopkinton, MA 01748

STATE/Commonwealth of
COUNTY OF

WASHINGTON
KING

Then personally appeared before me the above-named Min-Chih Earl and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 19 day of October, 2012.

Debora Jo Sardo

Notary Public

Print Name:

Debora Jo Sardo

My Commission expires 9/6/14

Notary Public
State of Washington
DEBORA JO SARDO
My Appointment Expires Sep 6, 2014

Date: 10-22-2012

Brian Bishop
Inventor's Signature

Print full name of second inventor: **Brian Bishop**
Residence: Redmond, WA
Citizenship: United States
Mailing Address: 176 South Street, Hopkinton, MA 01748

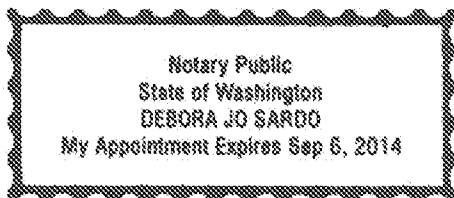
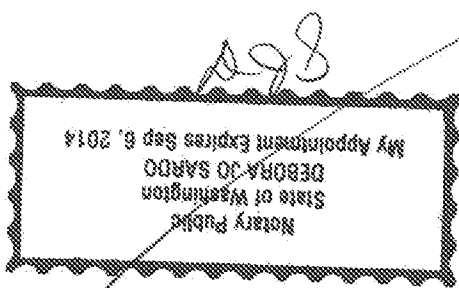
STATE/Commonwealth of WASHINGTON
COUNTY OF KING

Then personally appeared before me the above-named BRIAN BISHOP and
acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
22 day of October, 2012.

Debora Jo Sardo
Notary Public

Print Name: Debora Jo Sardo

My Commission expires 9/6/14



Date: 10-19-2012

Jerzy Gruszka
Inventor's Signature

Print full name of third inventor:

Jerzy Gruszka

Residence:

Lacey, WA

Citizenship:

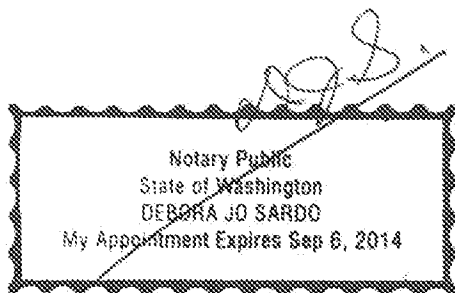
United States

Mailing Address:

176 South Street, Hopkinton, MA 01748

STATE/Commonwealth of WASHINGTON
COUNTY OF KING

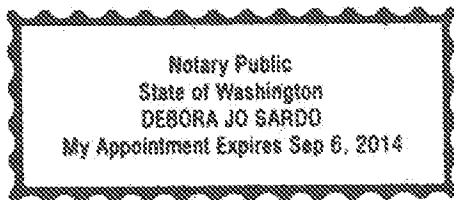
Then personally appeared before me the above-named Jerzy Gruszka and
acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
19 day of October, 2012.



Debora Jo Sardo
Notary Public

Print Name: Debora Jo Sardo

My Commission expires 9/6/14



Date:

10/19/2012

Matthew D. Buchman

Inventor's Signature

Print full name of fourth inventor:

Matthew D. Buchman

Residence:

Seattle, WA

Citizenship:

United States

Mailing Address:

176 South Street, Hopkinton, MA 01748

STATE/Commonwealth of

WASHINGTON

COUNTY OF

KING

Then personally appeared before me the above-named Matthew D. Buchman and
acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
19 day of October, 2012.

Debora Jo Sardo
Notary Public

Print Name:

Debora Jo Sardo

My Commission expires 9/6/14

