

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>Assaf Natanzon</td> <td>11/01/2012</td> </tr> <tr> <td>Lev Ayzenberg</td> <td>11/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Assaf Natanzon	11/01/2012	Lev Ayzenberg	11/01/2012
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Assaf Natanzon	11/01/2012						
Lev Ayzenberg	11/01/2012						
RECEIVING PARTY DATA							
Name:	EMC International Company						
Street Address:	2 Church Street						
City:	Hamilton						
State/Country:	BERMUDA						
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>12749724</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12749724		
Property Type	Number						
Application Number:	12749724						
CORRESPONDENCE DATA							
Fax Number:	7814019966						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	EMC-112PUS						
NAME OF SUBMITTER:	Anthony T. Moosey						
<p>Total Attachments: 5</p> <p>source=TO_PTO_ASSIGNMENT_AS_FILED#page1.tif</p> <p>source=TO_PTO_ASSIGNMENT_AS_FILED#page2.tif</p> <p>source=TO_PTO_ASSIGNMENT_AS_FILED#page3.tif</p> <p>source=TO_PTO_ASSIGNMENT_AS_FILED#page4.tif</p> <p>source=TO_PTO_ASSIGNMENT_AS_FILED#page5.tif</p>							

CH \$40.00 12749724

PATENT

ASSIGNMENT

WHEREAS, we, Assaf Natanzon, Yuval Aharoni and Lev Ayzenberg, 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 ACCESSING A VOLUME IN A DISTRIBUTED ENVIRONMENT and identified as Attorney Docket No. EMC-112PUS, 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 March 30, 2010 as U.S. Application No. 12/749,724;
- was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC International Company (hereinafter "ASSIGNEE"), an unlimited private company organized under the laws of Ireland, with its principal place of activities at 2 Church Street, Hamilton, Bermuda, desires to acquire an interest therein in accordance with agreements duly entered into among EMC International Company, EMC Israel Development Center LTD. and 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 attorneys that we have appointed and EMC Corporation to insert here in parenthesis (.....) 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: 1/11/12

[Signature]
Inventor's Signature

Print full name of first inventor: Assaf Natanzon
Residence: Levanon 95
Tel Aviv, Israel 69395
Citizenship: Israel
Mailing Address: Same as above

1. Alex Solar (name of first witness), whose residential address is
Zalman Shneor 32 Ramat Hasharon ISRAEL
was personally presented and did see Assaf Natanzon who is personally known to me, execute
the above assignment.

[Signature] (signature of first witness)
Signed at Herzliya (location of witness signature)
on this day November 1st, 2012 (date of witness signature)

1. Avri Ziv (name of second witness), whose residential address is
Hovav Yca
was personally presented and did see Assaf Natanzon who is personally known to me, execute
the above assignment.

[Signature] (signature of second witness)
Signed at Hovav Yca (location of witness signature)
on this day 1-11, 2012 (date of witness signature)

Date: Inventor's Signature

Print full name of first inventor: Yuval Aharoni

Residence: 15 Hamapilim Street
Kfar Saba, Israel
44360

Citizenship: Israel

Mailing Address: Same as above

I, (name of first witness), whose residential address is
.....
was personally presented and did see Yuval Aharoni who is personally known to me, execute the
above assignment.

..... (signature of first witness)
Signed at (location of witness signature)
on this day, 20..... (date of witness signature)

I, (name of second witness), whose residential address is
.....
was personally presented and did see Yuval Aharoni who is personally known to me, execute the
above assignment.

I, (signature of second witness)
Signed at (location of witness signature)
on this day, 20..... (date of witness signature)

Date: 01/14/2012


Inventor's Signature


Print full name of first inventor: Lev Ayzenberg

Residence: Gedeta 3/7 Street
Petach Tikvah
ISRAEL

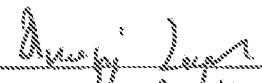
Citizenship: Israel

Mailing Address: Same as above

I, Ofra Avitzur (name of first witness), whose residential address is
Even Sapir 31, 10 Aviv
was personally presented and did see Lev Ayzenberg who is personally known to me, execute
the above assignment.


(signature of first witness)
Signed at Herzlia (location of witness signature)
on this day 1/11, 20 12 (date of witness signature)

I, Dvora Ziv (name of second witness), whose residential address is
Hakard 3 Kfar Yona
was personally presented and did see Lev Ayzenberg who is personally known to me, execute
the above assignment.


(signature of second witness)
Signed at Herzlia (location of witness signature)
on this day 11-1, 20 12 (date of witness signature)

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