

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Assaf Natanzon	10/07/2010
Arieh Don	10/11/2010
David Meiri	10/11/2010
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12893594
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(781)401-9966
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<b>Correspondent Name:</b>	Daly, Crowley, Mofford, & Durkee, LLP
<b>Address Line 1:</b>	354A Turnpike Street
<b>Address Line 2:</b>	Suite 301A
<b>Address Line 4:</b>	Canton, MASSACHUSETTS 02021-2714
<b>ATTORNEY DOCKET NUMBER:</b>	EMC-118PUS
<b>NAME OF SUBMITTER:</b>	Paul D. Durkee

CH \$40.00 12893594

Total Attachments: 5  
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**PATENT**  
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## ASSIGNMENT

Whereas we, the undersigned, Assaf Natanzon, Arieh Don, and David Meiri, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled STORAGE ARRAY SNAPSHOTS FOR LOGGED ACCESS REPLICATION IN A CONTINUOUS DATA PROTECTION SYSTEM, identified as Attorney Docket No. EMC-118PUS, and Client Case No. EMC-10-107, which application was executed on 10/7/10, 10/11/10, 10/11/10, and filed on September 29, 2010 and assigned Application No. 12/893,594. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, EMC CORPORATION, a Massachusetts corporation having a place of business at 176 South Street, Hopkinton, MA 01748 and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

Date: 7/10/2010

[Signature]  
Inventor's Signature

Print full name of first inventor: Assaf Natanson  
Residence: Ramat-Gan, Israel  
Citizenship: Israel  
Mailing Address: 28 Tirza Street, Ramat-Gan, Israel 52364

I Ayala Barboie (name) whose full post office address is  
Moshav Brechia 23  
(residential address) was personally present and did see Assaf Natanson (name  
of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Recover Point office, Aba Hilel Silver, Israel (location of witness signature)

on this day 7 of October of 2010. (date of signature)

I Yaron Sternbach (name) whose full post office address is  
12 Ben Gurion, Tel Aviv, Israel  
(residential address) was personally present and did see Assaf Natanson (name  
of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Aba Hilel Silver, Ramat-Gan, Israel (location of witness signature)

on this day 7<sup>th</sup> of Oct. of 2010. (date of signature)

10-11-2010

Date

*Arieh/Don*

Commonwealth of Massachusetts }  
County of MIDDLESEX } SS.

On this the 11 day of OCTOBER, 2010, before me, SANDRA A. KULAGA <sup>SAN</sup>  
~~ARIEH DON~~  
Name of Notary

the undersigned Notary Public, personally appeared Arieh Don,  
Name of Inventor

proved to me through satisfactory evidence of identity, which was/were PERSONALLY

KNOWN TO ME  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

*Sandra A Kulaga*  
Signature of Notary Public

Printed Name of Notary Public SANDRA A. KULAGA  
Notary Public  
COMMONWEALTH OF MASSACHUSETTS  
My Commission Expires April 1, 2016  
My Commission Expires \_\_\_\_\_

Place Notary Seal and/or Any Stamp Above

10/11/2010  
Date

D. Meiri  
David Meiri

Commonwealth of Massachusetts }  
County of MIDDLESEX } SS.

On this the 11 day of OCTOBER, 2010, before me, SANDRA A. KULAGA  
Day Month Name of Notary

the undersigned Notary Public, personally appeared David Meiri,  
Name of Inventor

proved to me through satisfactory evidence of identity, which was/were PERSONALLY

KNOWN TO ME  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

Sandra A. Kulaga  
Signature of Notary Public

Printed Name of Notary Public SANDRA A. KULAGA  
Notary Public  
COMMONWEALTH OF MASSACHUSETTS  
My Commission Expires April 1, 2016  
My Commission Expires \_\_\_\_\_

Place Notary Seal and/or Any Stamp Above

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