# 502043513 08/30/2012

### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Assaf Natanzon	08/29/2012
Saar Cohen	08/29/2012
Jehuda Shemer	08/30/2012

# RECEIVING PARTY DATA

Name:	EMC International Company
Street Address:	2 Church Street
City:	Hamilton
State/Country:	BERMUDA

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13599296

## CORRESPONDENCE DATA

Fax Number:

Phone: 508-435-1000 Email: Docketing@emc.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: EMC CORPORATION OFFICE OF THE GENERAL CO

Address Line 1: 176 SOUTH STREET
Address Line 2: Joseph D'Angelo

Address Line 4: HOPKINTON, MASSACHUSETTS 01748

ATTORNEY DOCKET NUMBER:	EMC-12-135CIP5
NAME OF SUBMITTER:	Joseph D'Angelo

## Total Attachments: 5

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PATENT/Israel Joint Assignment EMC Docket No.: EMC-12-135CIP5

#### ASSIGNMENT

WHEREAS, we, Assaf Natanzon, Saar Cohen and Jehuda Shemer, 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 SNAPSHOT REPLICATION (Application), the specification of which:

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13	States Patent Office;
[]	was filed on as U.S. Application No;
[]	was patented under U.S. Patent Noonon

is being executed on even date herewith and is about to be filed in the United

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 assignce 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,

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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 here in parenthesis (<u>13/599,296 filed on August 30, 2012</u>) 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:

PATENT/Joint Assignment EMC Docket No.: EMC-12-135CIP5

Date: 29 8 201	Inventor's Signature
Print full name of inventor	Assaf Natanzon
Residence	Levanon 95, Tel Aviv, Israel 69395
Citizenship	Israel
Mailing Address	Same as above
	ne of first witness), whose residential address is
was personally present and did see	set Watarian (name of
	nally known to me, execute the above assignment. (signature of first witness)
	(location of witness signature)
on this day, <u>2e/8</u>	, 20 / Z (date of signature).
I, Simon Taib (nar Metzulot Vam 16, 6	ne of second witness), whose residential address is
was personally present and did see Ass	af Vatorzon (name of
person signing the assignment), who is perso	nally known to me, execute the above assignment.
<u> </u>	(signature of second witness)(location of witness signature)
Signed at <u>Herzija</u>	(location of witness signature)
on this day,	, 2012 (date of signature).

Date: 29/8/2012	
	Inventor's Signature
Print full name of inventor	Saar Cohen
Residence	POB 162, Mishmeret, Israel 40695
Citizenship	Israel
Mailing Address	Same as above
	(name of first witness), whose residential address is
	en ct Even Yehuda
	e <u>Same lohen</u> (name of
4	who is personally known to me, execute the above assignment.  (signature of first witness)
Signed at Herris	(location of witness signature)
on this day,	2012 (date of signature).
s Simon Tail	(name of second witness), whose residential address is
Metrolot Yam	16, Girantayin
was personally present and did se	e <b>Jaar</b> Cords (name of
person signing the assignment), v	vho is personally known to me, execute the above assignment.
	(signature of second witness)
Signed at Heraelds	(location of witness signature)
on this day, 30/8	, 20 17 (date of signature).

PATENT/Joint Assignment EMC Docket No.: EMC-12-135CIP5

Inventor's Signature  Print full name of inventor  Residence  Brenner 7 Street, Kfar Saba, Israel 44349  Citizenship  Israel  Mailing Address  Same as above  I,	Date: 30/1/1018	<u> </u>
Residence  Brenner 7 Street, Kfar Saba, Israel 44349  Listael  Mailing Address  Same as above  I, Arrivation of first witness), whose residential address is the role of the first witness), whose residential address is the role of the first witness)  was personally present and did see Februar (name of person signing the assignment), who is personally known to me, execute the above assignment.  (signature of first witness)  Signed at Giventure of second witness, whose residential address is the first witness)  I, Arrivation of the first witness (location of witness signature)  I, Arrivation of the first witness (location of witness signature)  (signature of second witness), whose residential address is the first witness (location of witness signature)  (signature of second witness)  Signed at Harrythia (signature of second witness)		Inventor's Signature
Israel  Mailing Address  I, Ar halad (name of first witness), whose residential address is hardened assignment, was personally present and did see Island (name of person signing the assignment), who is personally known to me, execute the above assignment.  (signature of first witness)  Signed at Islands (location of witness signature) on this day, 2012 (date of signature).  I, In the stands of the second witness), whose residential address is the stands of the second witness is many personally present and did see Islands of the second witness).  (signature of second witness)  Was personally present and did see Islands of the second witness)  (signature of second witness)  Signed at Har Islands (signature of second witness)  Signed at Har Islands (location of witness signature)	Print full name of inventor	Jehuda Shemer
I, Are led (name of first witness), whose residential address is the return of Curin To London (name of person signing the assignment), who is personally known to me, execute the above assignment.  (signature of first witness)  Signed at Mar Pollon (location of witness signature) on this day, 20/2 (date of signature).  I, Martanot for the condition of witness signature)  was personally present and did see Televal Standon (name of person signing the assignment), who is personally known to me, execute the above assignment.  (signature of second witness)  Signed at Har Pollon (signature of second witness)	Residence	Brenner 7 Street, Kfar Saba, Israel 44349
I, Ay halad (name of first witness), whose residential address is  was personally present and did see     Felicity   Charles   (name of person signing the assignment), who is personally known to me, execute the above assignment.    (signature of first witness)   Signed at   (location of witness signature)	Citizenship	Israel
was personally present and did see     Televille   Share   (name of person signing the assignment), who is personally known to me, execute the above assignment.    (signature of first witness)   Signed at	Mailing Address	Same as above
(signature of first witness)  Signed at (location of witness signature) on this day, 20/2 (date of signature).  I, 10/3 Taib (name of second witness), whose residential address is Metrical of the address of the assignment), who is personally known to me, execute the above assignment.  (signature of first witness)  (location of witness signature)  (name of person signing the assignment), who is personally known to me, execute the above assignment.  (signature of second witness)  Signed at Harrelia (location of witness signature)	I, Avi Halar Haratan st	(name of first witness), whose residential address is
(signature of first witness)  Signed at		
Signed at	person signing the assignment), who i	is personally known to me, execute the above assignment.
In this day,	<u></u>	(signature of first witness)
I,	Signed at War Fried	(location of witness signature)
was personally present and did see Tehoda Shows (name of person signing the assignment), who is personally known to me, execute the above assignment.  (signature of second witness)  Signed at Harzelia (location of witness signature)		
person signing the assignment), who is personally known to me, execute the above assignment.  (signature of second witness)  Signed at	160 X (4) 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1 / / 3
Signed at Harzelia (location of witness signature)		
	Signed at Langue Line	(signature of second witness)
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