PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
Name Execution Date								
Assaf Natanzon				05/02/2012				
RECEIVING PARTY DATA								
Name:	EMC Internat	ional Co	ompany					
Street Address:	2 Church Street							
City:	Hamilton							
State/Country:	: BERMUDA							
PROPERTY NUMBERS Total: 1								
Property Type			Number					
Application Number: 13308		13308	877					
CORRESPONDENCE DATA								
CORRESPONDENCE DATA Fax Number: Correspondence will be sent via US Mail when the fax attempt is unsuccessful.								
-			n the fax attempt is unsuccessful.		13			
Email: Docketing@emc.com								
Correspondent Name: EMC Corporation Address Line 1: 176 South Street								
Address Line 1: 176 South Street Address Line 2: Joseph D'Angelo								
Address Line 4: HOPKINTON, MASSACHUSETTS 01/48								
ATTORNEY DOCKET NUMBER:			EMC-11-692		Ö			
NAME OF SUBMITTER:			Joseph D'Angelo					
Signature:			/Joseph D'Angelo/					
Date:			05/24/2013					
Total Attachments: 3 source=EMC-11-692_Assignment-Natanzon#page1.tif source=EMC-11-692_Assignment-Natanzon#page2.tif source=EMC-11-692_Assignment-Natanzon#page3.tif								

ASSIGNMENT

WHEREAS, I, Assaf Natanzon, together with David C. Dysert and Sujit S. Naik, 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 *SNAPSHOTS IN DEDUPLICATION* (Application), the specification of which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [X] was filed on December 1, 2011 as U.S. Application No. 13/308,877

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 me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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,

PATENT REEL: 030480 FRAME: 0099

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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, I 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, I hereby authorize my attorneys, 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, I have hereunto set my hands and affixed my seal as set forth below:

PATENT/Joint Assignment EMC Docket No.: EMC-11-692

2 Date: Inventor's gnature Print full name of inventor Assaf Natanzon Residence Levanon 95, Tel Aviv, Israel 69395 IL Citizenship Same as above Mailing Address M_{e} $\alpha m \omega^{3}$ (name of first witness), whose residential address is Raviet Gus was personally present and did see Assaf Natanzon (name of person signing the assignment), who is personally known to me, execute the above assignment. (signature of first witness) $\frac{\frac{1}{2}}{\frac{1}{2}}$ (signature of mist winnex) (location of witness signature) Signed at on this day, <u>2</u> <u>MAN</u>, 20 <u>1</u> (date of signature). ((name of second witness), whose residential address isL Yona was personally present and did see Assaf Natanzon (name of person signing the assignment), who is personally known to me, execute the above assignment. رsignature of second witness) Signed at Destable

 M_{α} , 20 M_{α} (date of signature). on this day, Ø

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