

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3203667

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	TAL BEN-MOSHE	01/28/2015	
	RENEN HALLAK	01/20/2015	
	KOBI LUZ	01/28/2015	
RECEIVING PARTY DATA			
Name:	EMC CORPORATION		
Street Address:	176 SOUTH STREET		
City:	HOPKINTON		
State/Country:	MASSACHUSETTS		
Postal Code:	01748		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	14229491	
CORRESPONDENCE DATA			
Fax Number:	(781)401-9966		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	7814019988		
Email:	jlm@dc-m.com		
Correspondent Name:	DALY, CROWLEY, MOFFORD & DURKEE, LLP		
Address Line 1:	354A TURNPIKE STREET		
Address Line 2:	SUITE 301A		
Address Line 4:	CANTON, MASSACHUSETTS 02021-2714		
ATTORNEY DOCKET NUMBER:	EMC-205PUS		
NAME OF SUBMITTER:	ANTHONY T. MOOSEY		
SIGNATURE:	/Anthony T. Moosey/		
DATE SIGNED:	01/29/2015		
Total Attachments: 5			
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ASSIGNMENT

WHEREAS, we, Kobi Luz, Tal Ben-Moshe and Renen Hallak, 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 DATA STRUCTURE FOR HASH DIGEST METADATA COMPONENT and identified as Attorney Docket No. EMC-205PUS, 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 28, 2014 as U.S. Application No.: 14/229/491;

☐ 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 me;

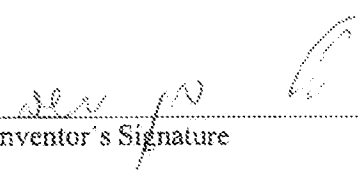
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said 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: 28/1/15

 Inventor's Signature

Print full name of first inventor:

Tal Ben-Moshe

Residence:

Montefiore 17
Kiryat Ono 55000
ISRAEL

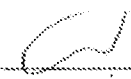
Citizenship:

Israel

Mailing Address:

Same as above

I, Mazal Ben-Yosef (name of first witness), whose residential address is
4 Hanadiv St., Netanya, ISRAEL
 was personally presented and did see Tal Ben-Moshe who is personally known to me, execute
 the above assignment.

 (signature of first witness)
 Signed at Kibutz Gil Yam Herzliya (location of witness signature)
 on this day 28th January, 20 15 (date of witness signature)

I, Gravit Keren (name of second witness), whose residential address is
14 Hanadiv St. Herzliya, ISRAEL
 was personally presented and did see Tal Ben-Moshe who is personally known to me, execute
 the above assignment.

I, G. Keren (signature of second witness)
 Signed at Gil-Yam Herzliya (location of witness signature)
 on this day 28th January, 20 15 (date of witness signature)

Date: 20/1/2015

Inventor's Signature

Print full name of first inventor:

Renen Hallak

Residence:

46 Hahadarim Street
Sde Warburg 44935
ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

I, Mazal Ben Yosef (name of first witness), whose residential address is
4 Hanafay st. Netanya, ISRAEL
 was personally presented and did see Renen Hallak who is personally known to me, execute the
 above assignment.

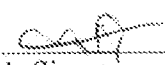
(signature of first witness)

Signed at Kibutz Gili Yam Hertzliya (location of witness signature)
 on this day 28th January, 20 15 (date of witness signature)

I, Granit Keren (name of second witness), whose residential address is
14 Hanadiv st. Herzeliya, ISRAEL
 was personally presented and did see Renen Hallak who is personally known to me, execute the
 above assignment.

(signature of second witness)

Signed at Gili-Yam Hertzliya (location of witness signature)
 on this day 28th January, 20 15 (date of witness signature)

Date: 08/1/15

 Inventor's Signature

Print full name of first inventor:

Kobi Luz

Residence:

 10 Hana Aviech Street
 Rehovotk 76588
 ISRAEL

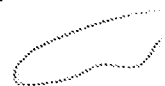
Citizenship:

Israel

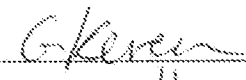
Mailing Address:

Same as above

I, Mozai Ben-Yosef (name of first witness), whose residential address is
4 Hanafar St. Netanya, ISRAEL
 was personally presented and did see Kobi Luz who is personally known to me, execute the
 above assignment.

 (signature of first witness)
 Signed at Kibutz Gil-Yam Herzliya (location of witness signature)
 on this day 08th January, 20 15 (date of witness signature)

I, Granit Keren (name of second witness), whose residential address is
14 Hanadiv St. Herzeliya ISRAEL
 was personally presented and did see Kobi Luz who is personally known to me, execute the
 above assignment.

 (signature of second witness)
 Signed at Herzeliya Gil-Yam (location of witness signature)
 on this day 28th January, 20 15 (date of witness signature)