PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3826094

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEV AYZENBERG	04/06/2016
RAN GOLDSCHMIDT	04/03/2016
ASSAF NATANZON	04/03/2016

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:	15085135

CORRESPONDENCE DATA

Fax Number: (781)401-9966

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.

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-311PUS
NAME OF SUBMITTER:	ANTHONY T. MOOSEY
SIGNATURE:	/Anthony T. Moosey/
DATE SIGNED:	04/12/2016

Total Attachments: 5

source=TO_PTO_ASSIGNMENT#page1.tif source=TO_PTO_ASSIGNMENT#page2.tif source=TO_PTO_ASSIGNMENT#page3.tif

PATENT 503779448 REEL: 038255 FRAME: 0397

source=TO_PTO_ASSIGNMENT#page4.tif source=TO_PTO_ASSIGNMENT#page5.tif

ASSIGNMENT

WHEREAS, we, Lev Ayzenberg, Ran Goldschmidt and Assaf Natanzon, 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 REPLICATION DATA PULL and identified as Attorney Docket No. EMC-311PUS, the specification of which:

[]	is being executed on even date herew Patent Office;	vith and is about to be filed in the United States
[X]	was filed on March 30, 2016	as U.S. Application No. <u>15/085,135</u> ;
[]	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: 06/04/2016	a de la companya della companya dell
The second secon	Inventor's Signature
Print full name of first inventor:	Lev Ayzenberg
Residence:	Ben hur 10/15 Petah Tikva ISRAEL
Citizenship:	Israel
Mailing Address:	Same as above
was personally presented and did see Levabove assignment.	(name of first witness), whose residential address is YA TSOL Avzenberg who is personally known to me, execute the gnature of first witness)
The state of the s	(location of witness signature)
on this day April GH	, 20 16 (date of witness signature)
	(name of second witness), whose residential address is (I flyiv Taxe) v Ayzenberg who is personally known to me, execute the
<i>Oll</i> (si	gnature of second witness)
Signed at ENC, Hertano	(location of witness signature)
The state of the s	, 20 & (date of witness signature)

Date: 3.4.2016	<u> </u>
	Inventor's Signature
Print full name of first inventor:	Ran Goldschmidt
Residence:	Amnon and Tamar 10 St. Herzeliya ISRAEL
Citizenship:	Israel
Mailing Address:	Same as above
I. Gal Hirsch Altoronivitz Re was personally presented and did see B above assignment.	(name of first witness), whose residential address is thout Ran Goldschmidt who is personally known to me, execute the
<u> </u>	(signature of first witness)
Signed at EMC He	(location of witness signature)
on this day 3. 4.	The second second with the second second
	, 20 16 (date of witness signature)
I. Est Duckovky Makes Milmer Has was personally presented and did see I above assignment.	(name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), whose residential address is (Name of second witness), which (Name of second witne
above assignment.	(name of second witness), whose residential address is s いっぱんしん こした こうない (name of second witness), whose residential address is second witness), whose residential address is second witness.
above assignment. I, 19013 17 Signed at EM Lorely	

Date:3/4/16	
	Mivemor's Signature
Print full name of first inventor:	Assaf Natanzon
Residence:	Levanon 95 Tel Aviv 69395 ISRAEL
Citizenship:	ĭsrael
Mailing Address:	Same as above
was personally presented and did see Ass above assignment. (signed at FMO Last Clip	(name of first witness), whose residential address is
	(name of second witness), whose residential address is TO PANY, TOOP saf Natanzon who is personally known to me, execute the
I,	(signature of second witness) (location of witness signature) , 20 \(\) (date of witness signature)
499610	

PATENT REEL: 038255 FRAME: 0403

RECORDED: 04/12/2016