503539694 10/26/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3586321 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEX ZASLAVSKY	10/14/2015
OREN KARMI	10/14/2015
URI FLEYDER	10/21/2015
LIOR BEN-PORAT	10/14/2015
MARCELO BLATT	10/11/2015

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:	14865451

CORRESPONDENCE DATA

Fax Number: (203)255-6570

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.

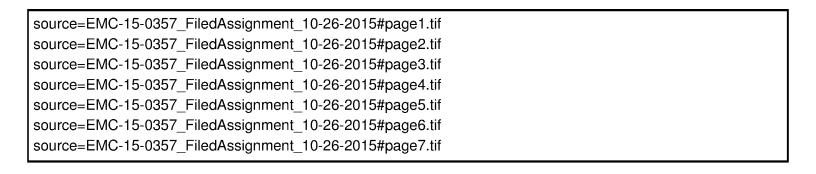
Phone: 203-255-6560
Email: car@rml-law.com
Correspondent Name: MICHAEL J. COOPER
Address Line 1: 1175 POST ROAD EAST
Address Line 2: RYAN, MASON & LEWIS, LLP

Address Line 4: WESTPORT, CONNECTICUT 06880

ATTORNEY DOCKET NUMBER:	EMC-15-0357
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	10/26/2015
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Total Attachments: 7

PATENT 503539694 REEL: 036881 FRAME: 0411



PATENT REEL: 036881 FRAME: 0412

RECORDATION FORM COVER SHEET FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE PATENTS ONLY (Rev.6-93) **Patent and Trademark Office** To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Alex Zaslavsky, Oren Karmi, Uri Fleyder, Lior Ben-Porat, Marcelo Blatt **Name: EMC Corporation** Additional name(s) of conveying party(ies) **Internal Address:** attached? Yes X No **Street Address: 176 South Street** 3. Nature of conveyance: _ Merger X Assignment City: Hopkinton State: MA ZIP: 01748 Security Agreement _ Change of Name __ Other Additional name(s) & address(es) attached? Yes X No Execution Date: October 14, 2015, October 14, 2015, October 21, 2015, October 14, 2015, October 11, 2015 **4.** Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 14/865,451 Filed September 25, 2015 B. Patent No.(s)

Additional numbers attached? _ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin M. Mason

Internal Address: Ryan, Mason & Lewis, LLP

Street Address: 1175 Post Road East City: Westport State: CT ZIP: 06880 6. Total number of applications and patents involved:

7. Total Fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number 50-0762

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

/Kevin M. Mason/ Kevin M. Mason Signature Reg. No. 36,597

Total number of pages including cover sheet, attachments, and document:

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October 26, 2015

PATENT/Joint Assignment Attorney Docket No.: EMC-15-0357

ASSIGNMENT

WHEREAS, we, Alex Zaslavsky, Oren Karmi, Uri Fleyder, Lior Ben-Porat, and Marcelo Blatt, 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 CLUSTERING COMPUTER SECURITY ATTACKS BY THREAT ACTOR BASED ON ATTACK FEATURES, 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 September 25, 2015 as U.S. Application No. 14/865,451;
[]	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 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 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,

PATENT REEL: 036881 FRAME: 0414 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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

(4.10, 15	
Date	Alex Zaslavsky
	9
	, before me personally came Alex Zaslavsky, to me the foregoing instrument, and acknowledged execution
	A]] ;
Witness 1:	Name
14.10.15	Name
Date	Signature
Witness 2:	Liver Liptz
	Name
14.10.15	Levonder
Date	Signature

14.10,15	Other
Date	Oren Karmi
On this 14 day of oak to be the individual who exesame.	ر, 20, before me personally came Oren Karmi, to me known cuted the foregoing instrument, and acknowledged execution of the
Witness 1:	Name /
14.10.15	
Date	Signature
Witness 2:	Name Lipte
14,10,15	J. J. J.
Date	Signature

21/10/2015 Date	Uri Fleyder
On this 21 day of October, 20 15, to be the individual who executed the foregrame.	before me personally came Uri Fleyder, to me known going instrument, and acknowledged execution of the
Witness 1:	Name Signature
Witness 2: $21/10/2c15$ Date	Roten Kensy Name

10/14/15	HAY
Date	Lior Ben-Porat
On this 14 day of October, 20 15 known to be the individual who executed the of the same.	, before me personally came Lior Ben-Porat, to me to foregoing instrument, and acknowledged execution
Witness 1:	Name Daylof Frank
10/1 u/ 16 Date	Signature
Witness 2: 16/14/2015 Date	Name Rotem John Signature

PATÉNT/Joint Assignment Attorney Docket No.: EMC-15-0357

11/10/2015	Moslot
Date	Marcelo Blatt
On this 11 day of O. As 20 18	, before me personally came Marcelo Blatt, to me
known to be the individual who executed the of the same.	e foregoing instrument, and acknowledged execution
Witness 1:	Alon Hazan
N.10.15	
Said	Signature
Witness 2:	Livon Lipto
1/.10,15 Date	Signature S

~{j~