

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4176501

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BORIS KRONROD	11/10/2016
AYELET BIGER-LEVIN	12/07/2016
MAOR FRANCO	10/04/2016
RECEIVING PARTY DATA	
Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15274075
CORRESPONDENCE DATA	
Fax Number:	(203)255-6570
<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:	2032556560
Email:	car@rml-law.com
Correspondent Name:	KEVIN M. MASON
Address Line 1:	1175 POST ROAD EAST
Address Line 2:	RYAN, MASON & LEWIS, LLP
Address Line 4:	WESTPORT, CONNECTICUT 06880
ATTORNEY DOCKET NUMBER:	EMC-16-0433
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	12/08/2016
Total Attachments: 5	
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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Boris Kronrod, Ayelet Biger-Levin, Maor Franco
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
Name: EMC IP Holding Company LLC
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Street Address: 176 South Street
City: Hopkinton State: MA ZIP: 01748
Additional name(s) & address(es) attached? Yes No

Execution Date: November 10, 2016,
December 7, 2016, October 4, 2016

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) 15/274,075 Filed September 23, 2016 B. Patent No.(s)

Additional numbers attached? Yes 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, 2nd Floor
City: Westport State: CT ZIP: 06880

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 0.00
 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
Reg. No. 36,597

/Kevin M. Mason/
Signature

December 8, 2016
Date

Total number of pages including cover sheet, attachments, and document: 5

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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Washington, DC 20231

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EMC-16-0433

ASSIGNMENT

WHEREAS, we, Boris Kronrod, Ayelet Biger-Levin, and Maor Franco, 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 **METHODS AND APPARATUS FOR PROTECTING AGAINST SUSPICIOUS COMPUTER OPERATIONS USING MULTI-CHANNEL PROTOCOL**, 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 September 23, 2016 as U.S. Application No. 15/274,075;
- was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware 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;

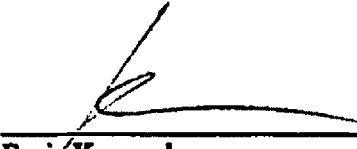
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

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:


11/40/16
Date


Boris Kronrod

On this 10 day of October, 2016, before me personally came Boris Kronrod, to me known to be the individual who executed the foregoing instrument, and acknowledged execution of the same.

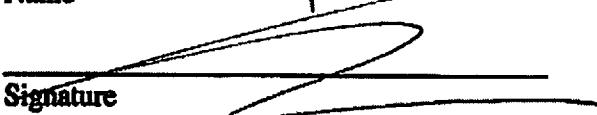
Witness 1:

11/10/16
Date


Name
Amy Linger
Signature

Witness 2:

11/10/16
Date

Salah Macharki
Name

Signature



Elaine McCarty
11/10/16

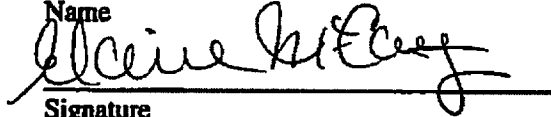
12/7/2016
Date


Ayelet Biger-Levin

On this 7th day of December, 2016, before me personally came Ayelet Biger-Levin, to me known to be the individual who executed the foregoing instrument, and acknowledged execution of the same.

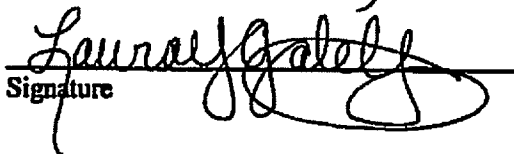
Witness 1:

12/7/16
Date

Elaine McCarry
Name

Signature

Witness 2:

12/7/16
Date

Laura Gately
Name

Signature




10/4/2016
Date


Maor Franco

On this 4th day of October, 2016, before me personally came Maor Franco, to me known to be the individual who executed the foregoing instrument, and acknowledged execution of the same.

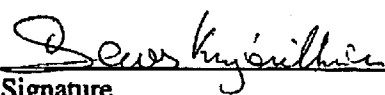
Witness 1:

10/7/16
Date

Yegorid Xa Notari
Name

Signature

Witness 2:

Oct 7th, 2016
Date

SEVIS KNSAZIHA IN
Name

Signature