505117237 09/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMOS ZAMIR	09/27/2018
ORON GOLAN	09/27/2018
JEHUDA SHEMER	09/26/2018
KFIR WOLFSON	09/26/2018

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:	16145529

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	112269.01
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	09/28/2018

Total Attachments: 6

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PATENT 505117237 REEL: 047004 FRAME: 0118

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> PATENT REEL: 047004 FRAME: 0119

ASSIGNMENT

WHEREAS, we, Amos Zamir, Oron Golan, Jehuda Shemer and Kfir Wolfson, 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 MOVING TARGET DEFENSE WITH NETWORK LEVEL CHANGES PROVIDING SUBSTANTIALLY CONTINUOUS ACCESS TO APPLICATIONS, the specification of which:

ĮΧJ	Is being executed on even date herewith and is about to be filed in the United States Patent Office;
[]	was filed on as U.S. Application No;
[]	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

PATENT REEL: 047004 FRAME: 0120

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:

Date:

9/2712018

Inventor's Signature

Print full name of first inventor:

in name of first inventor.

Residence:

Citizenship:

Mailing Address:

Amos Zamir

Beer Sheva, Israel

Israel

23-64 Hativa Shemone Street

Beer Sheva, Israel

Witness

Moran Zamir

Witness

Date:

9/27/2018

Inventor's Signature

Print full name of second inventor:

Oron Golan

Residence:

Meitar, Israel

Citizenship:

Israel

Mailing Address:

5 Halamish Street

Meitar, Israel

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Witness

-4-

PATENT REEL: 047004 FRAME: 0123

Date:

26/09/2018

Inventor's Signature

Print full name of third inventor:

Jehuda Shemer

Residence:

Kfar Saba, Israel

Citizenship:

Israel

Mailing Address:

Brenner 7/7

Kfar Saba, Israel

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Date: 26/Sep/2018

Inventor's Signature

Print full name of fourth inventor:

Kfir Wolfson

Residence:

Beer Sheva, Israel

Citizenship:

Israel

Mailing Address:

29A Bezalel St. Apt 14

Beer Sheva, Israel

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