504676945 12/07/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASSAF NATANZON	07/24/2017
AMIT LIEBERMAN	07/23/2017
ORON GOLAN	07/23/2017
YURI MANUSOV	07/27/2017
RAUL SHNIER	07/23/2017

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY	
Street Address:	176 SOUTH STREET	
City:	HOPKINTON	
State/Country: MASSACHUSETTS		
Postal Code:	01748	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15660259

CORRESPONDENCE DATA

Fax Number: (713)658-2553

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: 7136581818

Email: courtney.graves@chamberlainlaw.com

Correspondent Name: ALY Z. DOSSA

Address Line 1: CHAMBERLAIN, HRDLICKA

Address Line 2: 1200 SMITH STREET, 14TH FLOOR

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER: 170360-016000US

NAME OF SUBMITTER: COURTNEY GRAVES

SIGNATURE: /Aly Z. Dossa/

DATE SIGNED: 12/07/2017

Total Attachments: 7

PATENT REEL: 044332 FRAME: 0521

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PATENT REEL: 044332 FRAME: 0522

ASSIGNMENT

WHEREAS, we, Assaf Natanzon, Amit Lieberman, Oron Golan, Yuri Manusov and Raul Shnier 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 METHOD AND SYSTEM FOR IMPLEMENTING THREAT INTELLIGENCE AS A SERVICE, the specification of which:

LJ	States Patent Office;	United
[]	was filed on July 26, 2017 as U.S. Application No. 15/660,2	
[]	was patented under U.S. Patent Noon	·

WHEREAS, EMC IP Holding Company (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: 044332 FRAME: 0523 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:

PATENT/Joint Assignment EMC Docket No.: EMC-17-0074; 170360-016000US

Date:	zu/s/a	
		Inventor's Signature
Print fu	Il name of first inventor:	Assaf Natanzon
Residen	ce:	Tel Aviv, Israel
Citizens	ship:	Israel
Mailing	Address:	c/o EMC IP Holding Company LLC
		176 South Street
		Hopkinton, MA 01748
I Cin	er Her Josef	(name) whose residential address is Bon Gunton St. Technol.
was per the assi	sonally present and did see gnment) who is personally kn	www.to.me, execute the above assignment.
		(signature of first witness)
Signed	at Ethe Herzh	(location of witness signature)
on this	day 2413	of 2014. (date of signature)
1	gel Onthonio	(name) whose residential address is
		Pasaf Na Ambers (name of person signing nown to me, execute the above assignment.
		(signature of second witness)
Signed	on <u>emc flortalia</u>	(location of witness signature)
on this	day 2차 🦮	of 20 🏠 (date of signature)

Date: July-23-2017	
	Inventor's Signature
Print full name of second inventor:	Amit LIEBERMAN
Residence:	Kefar Sava, Israel
Citizenship:	Israel
Mailing Address:	c/o EMC IP Holding Company LLC
	176 South Street
	Hopkinton, MA 01748
1 <u>udi Zissen</u>	(name) whose residential address is
the assignment) who is personally know	
was personally present and did see A the assignment) who is personally know	(name) whose residential address is <u>いに) けんりではない</u> (name of person signing wn to me, execute the above assignment. (signature of second witness)
Signed at Hetzelisa CO	(location of witness signature)
on this day \$ WV y 2 3	of 20 <u>14</u> . (date of signature)

Date: 23, 7, 13	4944
	Inventor's Signature
Print full name of third inventor:	Oron GOLAN
Residence:	Meitar, Israel
Citizenship:	Israel
Mailing Address:	c/o EMC IP Holding Company LLC
	176 South Street
	Hopkinton, MA 01748
the assignment) who is personally know	(signature of first witness)(location of witness signature)
on this day <u>23/07-</u>	of 20/1/1. (date of signature)
1 <u>Aviran Frebryaga</u> <u>We have</u> <u>Dear Sh</u> e	(name) whose residential address is 以 你们(你可以
was personally present and did see the assignment) who is personally know	n to me, execute the above assignment
	(signature of second witness)
	(location of witness signature)
on this day	of 20 14 (date of signature)

Date: 27-54-2017	
₩ • • • • • • • • • • • • • • • • • • •	Inventor's Signature
Print full name of third inventor:	Yuri MANUSOV
Residence:	Beer Sheba, Israel
Citizenship:	Israel
Mailing Address:	c/o EMC IP Holding Company LLC
	176 South Street
	Hopkinton, MA 01748
1 Maria Rolburd (
Beer sheva, Shohat	Israel 34
was personally present and did see	Manusov (name of person signing
the assignment) who is personally known to n	ne, execute the above assignment.
(signature of first witness)	
Signed at <u>Exc.</u> , <u>Beer Stava</u> (location of witness signature)	
on this day of 20 <u>人</u> (date of signature)	
-Adi Nove Shage a	same) whose residential address is
Beer-shora, Hatsv	12912 Israel
was personally present and did see You how to me, execute the above assignment.	
(sign	ature of second witness)
Signed at ENC, BERGENRYO	
on this day 25 th John of 20	

PATENT/Joint Assignment EMC Docket No.: EMC-17-0074; 170360-016000US

	Appendix .
Date: (2)-2-20/2	// / >
	Inventor's Signature
Print full name of third inventor:	Raul SHNIER
Residence:	Kibbutz Ruhama, Israel
Citizenship:	Israel
Mailing Address:	c/o EMC IP Holding Company LLC 176 South Street Hopkinton, MA 01748
Moran Zaliang	
officer of	(name) whose residential address is
<u> Wellow</u>	Deer Stova
was personally present and did see Ray	(name of person signing
the assignment) who is personally known to	
(9	signature of first witness)
Signed at Wolvert Beer James	
on this dayof 2	20 <u>17</u> , (date of signature)
i <u>Airan Finbayev</u> Welson Reer-Shov	(name) whose residential address is
We Vork Geer-Shiri	M. Comments of the comments of
	Skiller (name of person signing
Asia (si	gnature of second witness)
Signed at Welvert Con-Spri	(location of witness signature)
on this day 23/4 of 2	0_{17} (date of signature)

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