504193548 01/24/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KFIR WOLFSON	01/16/2017
AMIT LIEBERMAN	01/15/2017
JEHUDA SHEMER	01/15/2017
ASSAF NATANZON	01/18/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15393636

CORRESPONDENCE DATA

Fax Number: (631)393-6271

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: 631-393-6270

Email: nyoffice@rml-law.com **Correspondent Name:** JOSEPH B. RYAN

Address Line 1: RYAN, MASON & LEWIS, LLP

Address Line 2: 48 SOUTH SERVICE ROAD, SUITE 100

Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER: EMC-16-0909 NAME OF SUBMITTER: JOSEPH B. RYAN SIGNATURE: /JOSEPH B. RYAN/ **DATE SIGNED:** 01/24/2017

Total Attachments: 6

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> **PATENT REEL: 041065 FRAME: 0350** 504193548

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PATENT REEL: 041065 FRAME: 0351

ASSIGNMENT

WHEREAS, we, Kfir Wolfson, Amit Lieberman, Jehuda Shemer 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 AUTOMATED CODE TESTING WITH TRAVERSAL OF CODE VERSION AND DATA VERSION REPOSITORIES, 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 December 29, 2016 as U.S. Application No. 15/393,636;	
[]	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

PATENT/Joint Assignment Attorney Docket No.: EMC-16-0909

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 Attorney Docket No.: EMC-16-0909

Date: Jan 16, 2017	
	Inventor's Signature
Print full name of first inventor:	Kfir Wolfson
Residence:	Beer Sheva, Israel
Citizenship:	Israel
Mailing Address:	29A/14 Bezalel Street Beer Sheva, Israel
Jan 16, 2017 Date	Morke Helfard Witness #1 Signature MORDECHAI HECTAND Witness #1 Print Name
<u>(6/1/2017</u> Date	Witness #2 Signature Vael Vahae Witness #2 Print Name

PATENT/Joint Assignment Attorney Docket No.: EMC-16-0909

Date: 45 1/2017 Amit Lieberman Print full name of second inventor: Kfar Saba, Israel Residence: Israel Citizenship: 56 Dov Hoz Street Mailing Address: Kfar Saba, Israel 15/01/2013 Date Witness #1 Signature Jones Kushniv Witness #1 Print Name Date V 18.1.2017 Seura Touvetski Witness #2 Print Name

	PATENT/Joint Assignment Attorney Docket No.: EMC-16-0909
Date: 15/1/2017	
	Inventor's Signature
Print full name of third inventor:	Jehuda Shemer
Residence:	Kfar Saba, Israel
Citizenship:	Israel
Mailing Address:	Brener 7/7
	Kfar Saba, Israel
Jan 15th 2017 Date	Witness #1 Signature Alexandra Solan Witness #1 Print Name
15/1/2017 Date	Yael Harel Witness #2 Signature Yael Harel Witness #2 Print Name

PATENT/Joint Assignment Attgrney Docket No.: EMC-16-0909 Inventor's Signature Assaf Natanzon Print full name of fourth inventor: Tel Aviv, Israel Israel Mailing Address: Levanon 95 Tel Aviv, Israel

Witness #2 Signature

Vgg/ Guttman Witness #2 Print Name

Date:

Residence:

Citizenship: