

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Yedidya Dotan	06/28/2011
Lawrence N. Friedman	06/27/2011
Amit Monovich	06/28/2011
Alexander Volanis	06/27/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMC Corporation
<b>Street Address:</b>	176 South Street
<b>City:</b>	Hopkinton
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13170732
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)366-4688
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	508-616-2900
<b>Email:</b>	Docket@BainwoodHuang.com
<b>Correspondent Name:</b>	Bainwood, Huang & Associates, LLC
<b>Address Line 1:</b>	2 Connector Road
<b>Address Line 4:</b>	Westborough, MASSACHUSETTS 01581
<b>ATTORNEY DOCKET NUMBER:</b>	1048-081
<b>NAME OF SUBMITTER:</b>	David E. Huang, Esq.
Total Attachments: 12 source=1048-081 - Executed Assignment Inv 1 & 3#page1.tif	

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**PATENT**  
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**ASSIGNMENT**

**WHEREAS**, we, Yedidya Dotan, Lawrence N. Friedman, Amit Monovich and Alexander Volanis, 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 **USING MOCK TOKENS TO PROTECT AGAINST MALICIOUS ACTIVITY** 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 \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_;

☐ 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, USA 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;

**AND** we hereby authorize our attorneys Bainwood Huang & Associates LLC to insert here in parentheses ( 131170, 732 filed on 06/28/2011 ) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: 28/6/2011

MIP 13  
Inventor's Signature

Print full name of first inventor:

Yedidya Dotan

Residence:

Barazani Moshe 1, Tel-Aviv, 69121, ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

Venue: Shenkar 7 HZ Israel

On this 28 day of June, 2011, then personally appeared before me the above-named **Yedidya Dotan** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Witness #1

Print Name:

Erez Yakoei

Witness #2

Print Name:

Oleg Freylafert

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of second inventor: Lawrence N. Friedman  
Residence: 148 Scituate Street, Arlington, MA 02476  
Citizenship: United States of America  
Mailing Address: Same as above

STATE/Commonwealth of \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, then personally appeared before me the above-named **Lawrence N. Friedman** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public

Print Name:

\_\_\_\_\_  
My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Date: 6/28/2011

Amit Monovich  
Inventor's Signature

Print full name of third inventor: Amit Monovich  
Residence: Sapir 11, Shaarey Tikva, ISRAEL  
Citizenship: Israel  
Mailing Address: Same as above

Venue: Shenkar & Herzalia

On this 28 day of June, 2011, then personally appeared before me the above-named **Amit Monovich** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Erez Yakov  
Witness #1  
Print Name:

Erez Yakov  
Witness #2  
Print Name:

Erez Yakov

Erez Yakov

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of fourth inventor:

Alexander Volanis

Residence:

255 North Road, Unit 174

Chelmsford, MA 01824

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, then personally appeared before me the above-named **Alexander Volanis** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public

Print Name:

\_\_\_\_\_  
My Commission expires \_\_\_ / \_\_\_ / \_\_\_



## ASSIGNMENT

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☒ 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. \_\_\_\_\_;

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**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;

**AND** we hereby authorize our attorneys Bainwood Huang & Associates LLC to insert here in parentheses ( 13/170,732 filed on 06/28/2011 ) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Yedidya Dotan

Residence:

Barazani Moshe 1, Tel-Aviv, 69121, ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

Venue: \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, then personally appeared before me the above-named **Yedidya Dotan** known to me through satisfactory evidence of identification [ ] employee identification card; [ ] driver's license; [ ] (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

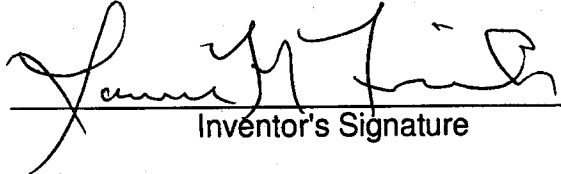
\_\_\_\_\_  
Witness #1

Print Name:

\_\_\_\_\_  
Witness #2

Print Name:

Date: June 27, 2011

  
Inventor's Signature

Print full name of second inventor:

Lawrence N. Friedman

Residence:

148 Scituate Street, Arlington, MA 02476

Citizenship:

United States of America

Mailing Address:

Same as above

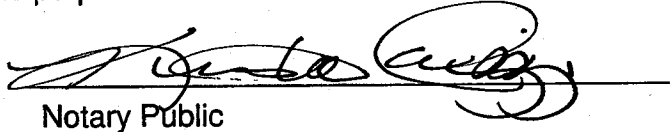
STATE/Commonwealth of

MASSACHUSETTS

COUNTY OF

Middlesex

On this 27 day of June, 2011, then personally appeared before me the above-named **Lawrence N. Friedman** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) Lawrence N. Friedman to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

  
Notary Public

Print Name:

Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
April 20, 2012

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of third inventor: Amit Monovich  
Residence: Sapir 11, Shaarey Tikva, ISRAEL  
Citizenship: Israel  
Mailing Address: Same as above

Venue: \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, then personally appeared before me the above-named **Amit Monovich** known to me through satisfactory evidence of identification [ ] employee identification card; [ ] driver's license; [ ] (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

\_\_\_\_\_  
Witness #1  
Print Name:

\_\_\_\_\_  
Witness #2  
Print Name:

Date: 6/27/2011

Alexander Volanis  
Inventor's Signature

Print full name of fourth inventor:

Alexander Volanis

Residence:

255 North Road, Unit 174

Chelmsford, MA 01824

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of  
COUNTY OF

MASSACHUSETTS  
MIDDLESEX

On this 27 day of June, 2011, then personally appeared before me the above-named **Alexander Volanis** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) Alexander Volanis to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kristen Caizzi  
Notary Public

Print Name:

Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
April 20, 2012