

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3111107

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NIKOLAOS TRIANDOPOULOS	09/29/2014
JOHN BRAINARD	11/17/2014
RECEIVING PARTY DATA	
Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14319417
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-13-1256
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	11/17/2014
Total Attachments: 5	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):
Nikolaos Triandopoulos, John Brainard
Additional name(s) of conveying party(ies)
attached?
Yes X No

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

Execution Date: November 15, 2014,
September 29, 2014, November 17, 2014

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address:

Street Address: 176 South Street

City: Hopkinton State: MA ZIP: 01748

Additional name(s) & address(es) attached? Yes X No

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) 14/319,417 Filed June 30, 2014 B. Patent No.(s)

Additional numbers attached? Yes X 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
City: Westport State: CT ZIP: 06880

6. Total number of applications and patents
involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00

 Enclosed

X 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

/Kevin M. Mason/

November 17, 2014

Reg. No. 36,597

Signature

Date

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

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EMC-13-1256

PATENT
REEL: 034189 FRAME: 0207

ASSIGNMENT

WHEREAS, we, Nikolaos Triandopoulos and John Brainard, 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 **RECOVERY MECHANISM FOR FAULT-TOLERANT SPLIT-SERVER PASSCODE VERIFICATION OF ONE-TIME AUTHENTICATION TOKENS**, 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 June 30, 2014 as U.S. Application No. 14/319,417;
- ☐ 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 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,

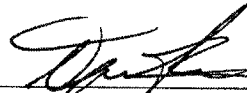
reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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:

Date:

9/29/14


Inventor's Signature

Print full name of first inventor:

Nikolaos Triandopoulos

Residence:

Arlington, Massachusetts

Citizenship:

United States of America

Mailing Address:

73 Bartlett Avenue

Arlington, Massachusetts 02476

STATE/Commonwealth of

COUNTY OF

Massachusetts
Middlesex

On this 29 day of September 2014, then personally appeared before me the above-named Nikolaos Triandopoulos known to me through satisfactory evidence of identification [☒] employee identification card; [☒] driver's license; [☐] (other) Nikolaos Triandopoulos 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.

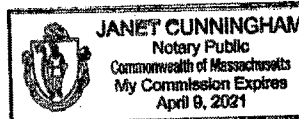

Notary Public

Print Name:

Janet Cunningham

My Commission expires

4/9/2021



Date:

11/17/2014

John B. Brainard
Inventor's Signature

Print full name of second inventor:

John Brainard

Residence:

Sudbury, Massachusetts

Citizenship:

United States of America

Mailing Address:

16 Aaron Road

Sudbury, Massachusetts 01776

STATE/Commonwealth of

Massachusetts

COUNTY OF

Middlesex

On this 17 day of November, 2014, then personally appeared before me the above-named John Brainard 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.

Kristen Caizzi
Notary Public

Print Name: Kristen Caizzi

My Commission expires 4/25/2019

