

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TING-FANG YEN</td> <td>01/23/2014</td> </tr> <tr> <td>ALINA OPREA</td> <td>01/23/2014</td> </tr> </tbody> </table>		Name	Execution Date	TING-FANG YEN	01/23/2014	ALINA OPREA	01/23/2014
Name	Execution Date						
TING-FANG YEN	01/23/2014						
ALINA OPREA	01/23/2014						
RECEIVING PARTY DATA							
Name:	EMC CORPORATION						
Street Address:	176 SOUTH STREET						
City:	HOPKINTON						
State/Country:	MASSACHUSETTS						
Postal Code:	01748						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14138961</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14138961		
Property Type	Number						
Application Number:	14138961						
CORRESPONDENCE DATA							
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Correspondent Name:	MICHAEL J. COOPER						
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Address Line 2:	RYAN, MASON & LEWIS, LLP						
Address Line 4:	WESTPORT, CONNECTICUT 06880						
ATTORNEY DOCKET NUMBER:	EMC-13-0648(PRO)ORD						
NAME OF SUBMITTER:	MICHAEL J. COOPER						
Signature:	/Michael J. Cooper/						
Date:	02/11/2014						

PATENT

Total Attachments: 5

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RECORDATION FORM COVER SHEET
PATENTS ONLY

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

1. Name of conveying party(ies):
Ting-Fang Yen, Alina Oprea
Additional name(s) of conveying party(ies) attached?
 Yes No

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 No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: January 23, 2014, January 23, 2014

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) 14/138,961 Filed December 23, 2013 B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Michael J. Cooper
Internal Address: Ryan, Mason & Lewis, LLP
Street Address: 1175 Post Road East, Second Floor
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
 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.

Michael J. Cooper
Reg. No. 57,749


Signature

February 11, 2014
Date

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

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EMC-13-0648(PRO)ORD

ASSIGNMENT

WHEREAS, we, Ting-Fang Yen and Alina Oprea, 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 **IDENTIFYING SUSPICIOUS USER LOGINS IN ENTERPRISE NETWORKS**, 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 December 23, 2013 as U.S. Application No. 14/138,961;
- 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: 1/23/2014

Ting-Fang Yen
Inventor's Signature

Print full name of first inventor: Ting-Fang Yen
Residence: Cambridge, Massachusetts
Citizenship: Taiwan
Mailing Address: 117 Spring St. Apt. 2
Cambridge, Massachusetts 02141

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 23 day of January, 2014, then personally appeared before me the above-named Ting-Fang Yen 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.

Deanna M. Goodwin
Notary Public

Print Name: Deanna M. Goodwin
My Commission expires 10/24/2014



DEANNA M. GOODWIN
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 24, 2014

Date: 01/23/2014

AOprea
Inventor's Signature

Print full name of second inventor: Alina Oprea
Residence: Arlington, Massachusetts
Citizenship: ~~United States of America~~ AO ROMANIA
Mailing Address: 104 Cutter Hill Road
Arlington, Massachusetts 02474

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 23 day of January, 2014, then personally appeared before me the above-named Alina Oprea 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.

Deanna M. Goodwin
Notary Public
Print Name: Deanna M. Goodwin
My Commission expires 10/24/2014

