

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID S. REINER	04/10/2014
HAJI AREF	04/10/2014
JEFFREY D. ESPOSITO	04/10/2014
YARON DAR	02/25/2014
PAUL KRNETA	03/03/2014
RECEIVING PARTY DATA	
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Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14169811
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ATTORNEY DOCKET NUMBER:	EMC-13-0951
NAME OF SUBMITTER:	JOSEPH B. RYAN
SIGNATURE:	/joseph b. ryan/
DATE SIGNED:	04/10/2014
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, David S. Reiner, Haji Aref, Jeffrey D. Esposito, Yaron Dar and Paul Krneta, 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 **SERVICE GENERATION BASED ON PROFILED DATA OBJECTS**, 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 January 31, 2014 as U.S. Application No. 14/169,811;
- 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:

4/10/2014

David S. Reiner

Inventor's Signature

Print full name of first inventor:

David S. Reiner

Residence:

Lexington, Massachusetts

Citizenship:

United States of America

Mailing Address:

7 Russell Road

Lexington, Massachusetts 02420

STATE/Commonwealth of
COUNTY OF

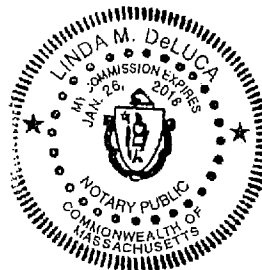
Massachusetts
Worcester

On this 10th day of April, 2014, then personally appeared before me the above-named David S. Reiner 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.

Linda M. DeLuca
Notary Public

Print Name: Linda M. DeLuca

My Commission expires 01/26/2016



Date: April 10, 2014

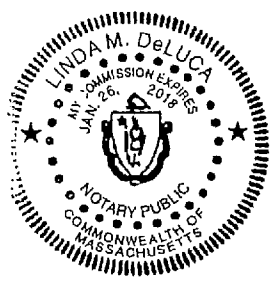
[Signature]
Inventor's Signature

Print full name of second inventor: Haji Aref
Residence: Foxborough, Massachusetts
Citizenship: United States of America
Mailing Address: 400 Foxborough Blvd., Unit 4303
Foxborough, Massachusetts 02035

STATE/Commonwealth of Massachusetts
COUNTY OF Norfolk

On this 10th day of April, 2014, then personally appeared before me the above-named Haji Aref 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.

[Signature]
Notary Public
Print Name: Linda M. DeLuca
My Commission expires 01/26/2018



Date:

4/10/2014

Jeffrey D. Esposito
Inventor's Signature

Print full name of third inventor:

Jeffrey D. Esposito

Residence:

North Kingstown, Rhode Island

Citizenship:

United States of America

Mailing Address:

325 Ten Rod Road

North Kingstown, Rhode Island 02852

STATE/Commonwealth of

RHODE ISLAND

COUNTY OF

NASAWATON

On this 10th day of April, 2014, then personally appeared before me the above-named Jeffrey D. Esposito 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.

Brian W. Caruso

Notary Public

Print Name

Brian W. Caruso

My Commission expires

BRIAN W. CARUSO
NOTARY PUBLIC
STATE OF RHODE ISLAND
MY COMMISSION EXPIRES AUG. 8, 2017

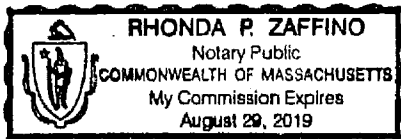
Date: 2/25/2014

[Signature]
Inventor's Signature

Print full name of fourth inventor: Yaron Dar
Residence: Sudbury, Massachusetts
Citizenship: United States of America
Mailing Address: 77 Hemlock Road
Sudbury, Massachusetts 01776

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 25th day of February, 2014, then personally appeared before me the above-named Yaron Dar known to me through satisfactory evidence of identification employee identification card; driver's license; (other) personally known to me 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.



[Signature]
Notary Public
Print Name: Rhonda P. Zaffino
My Commission expires 08/29/2019

Date: 3/3/2014

Paul Krneta
Inventor's Signature

Print full name of fifth inventor: Paul Krneta
Residence: San Francisco, California
Citizenship: United States of America
Mailing Address: 1377 Post Street, Apt. #302
San Francisco, California 94109

STATE/Commonwealth of CALIFORNIA
COUNTY OF SAN FRANCISCO

On this 3rd day of MARCH, 2014, then personally appeared before me the above-named Paul Krneta 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.



Angelo Cordon
Notary Public
Print Name: ANGELO CORDON, NOTARY PUBLIC
My Commission expires 12 / 11 / 2014