

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DENIS KNJAZIHHIN	03/13/2014
JOSEPH XAVIER LAWRENCE	03/13/2014
DAVID SHAPIRO	03/13/2014
DAN UWE ZEHME	03/14/2014
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:	14200572
CORRESPONDENCE DATA	
Fax Number:	(508)366-4688
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	5086162900
Email:	docketing@bainwoodhuang.com
Correspondent Name:	RONALD L. GORDON, PH.D.
Address Line 1:	BAINWOOD, HUANG & ASSOCIATES, LLC
Address Line 2:	2 CONNECTOR ROAD
Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	1168-001.001
NAME OF SUBMITTER:	RONALD L. GORDON, PH.D.
SIGNATURE:	/Ronald L. Gordon/
DATE SIGNED:	04/30/2014
Total Attachments: 12	
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ASSIGNMENT

WHEREAS, I, Denis Knjazihhin, as the original inventor or an original joint inventor 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

MANAGING SUPPORT ACCESS IN SOFTWARE-AS-A-SERVICE SYSTEMS

which is further identified by Attorney Docket Number 1168-001.001;

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 me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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

PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
EMC Docket No.: EMC-13-0655(PRO)ORD

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, I 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 I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses (14/200,572 filed on March 7, 2014) 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, I have hereunto set my hand and affixed my seal as set forth below:

PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
EMC Docket No.: EMC-13-0655(PRO)ORD

Date: Mar 13th, 2014

Denis Knjazihhin
Inventor's Signature

Legal name of inventor: Denis Knjazihhin
Residence: 138A Bigelow St.
Brighton, MA 02135
United States of America
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of
COUNTY OF

Massachusetts
Middlesex

On this 13 day of March, 2014, then personally appeared before me the above-named Denis Knjazihhin 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

ASSIGNMENT

WHEREAS, I, Joseph Xavier Lawrence, Jr., as the original inventor or an original joint inventor 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

MANAGING SUPPORT ACCESS IN SOFTWARE-AS-A-SERVICE SYSTEMS

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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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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

PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
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PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
EMC Docket No.: EMC-13-0655(PRO)ORD

Date: 3/13/2014


Inventor's Signature

Legal name of inventor:

Joseph Xavier Lawrence, Jr.

Residence:

631 Saratoga St.

East Boston, MA 02128

United States of America

Citizenship:

US

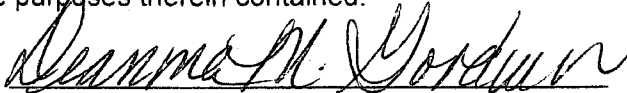
Mailing Address:

Same as above

STATE/COMMONWEALTH OF
COUNTY OF

Massachusetts
Worcester

On this 13 day of March, 2014, then personally appeared before me the above-named Joseph Xavier Lawrence, Jr. 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:

Deanna M. Goodwin
My Commission expires 10/24/2014



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

ASSIGNMENT

WHEREAS, I, David Shapiro, as the original inventor or an original joint inventor 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

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AND, I hereby further agree for myself and my 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

PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
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PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
EMC Docket No.: EMC-13-0655(PRO)ORD

Date: 3/13/14

[Signature]
Inventor's Signature

Legal name of inventor:

David Shapiro

Residence:

40 Myrtle Street

Waltham, MA 02453

United States of America

Citizenship:

US

Mailing Address:

Same as above

STATE/Commonwealth of

COUNTY OF

Massachusetts
Worcester

On this 13 day of March, 2014, then personally appeared before me the above-named David Shapiro 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:

Deanna M. Goodwin
My Commission expires 10/24/2014



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

ASSIGNMENT

WHEREAS, I, Dan Uwe Zehme, as the original inventor or an original joint inventor 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

MANAGING SUPPORT ACCESS IN SOFTWARE-AS-A-SERVICE SYSTEMS

which is further identified by Attorney Docket Number 1168-001.001;

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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, I 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 me had this assignment and sale not been made; I 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. I 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;

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PATENT ASSIGNMENT
Attorney Docket No.: 1168-001.001
EMC Docket No.: EMC-13-0655(PRO)ORD

Date: 3/14/2014

Dan Uwe Zehme
Inventor's Signature

Legal name of inventor:

Dan Uwe Zehme

Residence:

12 Newport Lane

Medfield, MA 02052

United States of America

Citizenship:

US

Mailing Address:

Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 14th day of March, 2014, then personally appeared before me the above-named Dan Uwe Zehme 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.

Pamela A. Jordan
Notary Public

Print Name:

PAMELA A. JORDAN

My Commission expires 5/2/2019

