

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6159601

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL TRACHTMAN	08/04/2015
BRADFORD B GLADE	08/22/2015
EUGENE ORTENBERG	08/25/2015
SALVATORE DESIMONE	04/10/2020
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:	14586423
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	Holly_Vigliatura@dell.com
Correspondent Name:	EMC CORPORATION
Address Line 1:	176 SOUTH STREET
Address Line 4:	HOPKINTON, MASSACHUSETTS 01748
ATTORNEY DOCKET NUMBER:	EMC-14-1182
NAME OF SUBMITTER:	HOLLY VIGLIATURA
SIGNATURE:	/Holly Vigliatura/
DATE SIGNED:	06/18/2020
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, Michael Trachtman, Bradford B. Glade, Eugene Ortenberg, Sumeet K. Malhotra and Salvatore DeSimone 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 **ESTABLISHING QUORUMS ON AN OBJECT-BY-OBJECT BASIS** (Application), 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 30-Dec-2014 as U.S. Application No. 14/586,423;
- 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;

AND, we hereby authorize our attorneys, EMC Corporation, to insert here in parenthesis (_____) 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: Aug 4, 2015

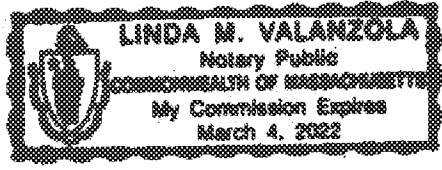
[Signature]
Inventor's Signature

Print full name of inventor: **Michael Trachtman**
Residence: 79 Allen Street
Arlington, MA 02474
Citizenship: USA
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 4 day of August, 2015, then personally appeared before me the above-named Michael Trachtman 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. Valanzola
My Commission expires 3/4/2022



Date: Aug. 22, 2015

Bradford B. Glade
Inventor's Signature

Print full name of inventor:

Bradford B. Glade

Residence:

109 East Bare Hill Road

Harvard, MA 01451

Citizenship:

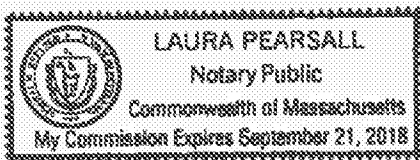
USA

Mailing Address:

Same as above

STATE/Commonwealth of MASSACHUSETTS
COUNTY OF WORCESTER

On this 22 day of AUGUST, 2015, then personally appeared before me the above-named Bradford B. Glade 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.



Laura Pearsall
Notary Public
Print Name: LAURA PEARSALL
My Commission expires 09/21/2018

Date: 8/25/2015

Eugene Ortenberg
Inventor's Signature

Print full name of inventor:

Eugene Ortenberg

Residence:

6853 Williamsburg Pond Court

Falls Church, VA 22043

Citizenship:

USA

Mailing Address:

Same as above

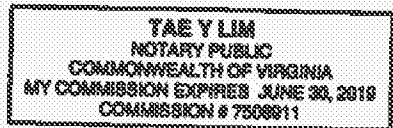
STATE/Commonwealth of Virginia
COUNTY OF Fairfax

On this 25 day of August, 2015, then personally appeared before me the above-named Eugene Ortenberg 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.

Tae Y. Lim
Notary Public

Print Name: Tae Y. Lim

My Commission expires 06/30/2019



Date: _____

Inventor's Signature

Print full name of inventor

Sumeet K. Malhotra

Residence

B203 Gem Regency Apartments,

Nirguna Mandir Layout,

Koramangala Ist Block, Bangalore 560047

Citizenship

India

Mailing Address

Same as above

I, _____ (name of first witness), whose residential address is

_____ was personally present and did see _____ (name of person signing the assignment), who is personally known to me, execute the above assignment.

_____ (signature of first witness)

Signed at _____ (location of witness signature)

on this day, _____, 20 ____ (date of signature).

I, _____ (name of second witness), whose residential address is

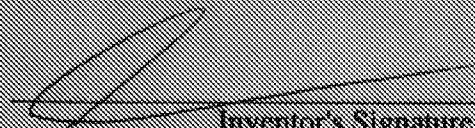
_____ was personally present and did see _____ (name of person signing the assignment), who is personally known to me, execute the above assignment.

_____ (signature of second witness)

Signed at _____ (location of witness signature)

on this day, _____, 20 ____ (date of signature).

Date: 4/10/2020


Inventor's Signature

Print full name of inventor: **Salvatore DeSimone**
Residence: 45 Sherman Heights
Woodbury, CT 06798
Citizenship: USA
Mailing Address: Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2015, then personally appeared before me the above-named Salvatore DeSimone 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 ___ / ___ / ___